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<210> 5466
<211> 4305
<212> DNA
<213> Homo sapiens

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<220>
<221> misc_feature
<222> (2)...(3140)
<223> similar to gi4240219 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

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<210> 5467
<211> 2436
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (13)...(1228)
<223> similar to gi3808148 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

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<210> 5468

<211> 1129

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1114)...(387)

<223> similar to gi4579696 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 5468

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<210> 5469

<211> 2414

<212> DNA
 <213> Homo sapiens

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 <221> misc_feature
 <222> (6)...(1625)
 <223> similar to gi5917651 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 5469

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agcctcttgt	ttttttcccc	attgcctctt	tttttaaaaa	acttataaag	tcacttttta	2160
tttttctca	gtcttcaatg	acgagagcaa	tattaagaag	acattgctat	ctaattttta	2220
atctttttta	atgaaaaatt	cctatgttca	gtagcgtggg	tgatgctatt	gttttagcctt	2280
ccctccaaa	ttgtatacat	tggcttggaa	tggttcacaac	ttgcgtgcgt	ggcagcggaa	2340
gacgattccc	atattctaca	ttgctactgt	tttgataaaa	ataaattggg	aaagattgac	2400
ggttaaaaaa	aaaa					2414

00725 0400

<210> 5470
 <211> 421
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (5)...(303)
 <223> similar to gill109915 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 5470
 ggccgatgac tgtaccccc tgaaaaccat caccaaattt tataaccacc ccttgcaactt 60
 tgttttcaat gacaccaagt tggacgctat gctggaagaa tttaagaaag gtaaactctca 120
 cctggctatc gtgcagcggg taaacaatga gggagaagg gatccatttt atgaagttct 180
 gggaatcgtc accttagaag atgtgattga agaaatcatc aaatctgaga ttcttgatga 240
 aacagattta tacactgaca acagaacgaa aaagaaagt gctcaccggg aacgaaagca 300
 agatttttct gcctttaagc agacagacag tgagatgaag gttaaaatat caccacagct 360
 cctcctgggc catgcaccgt ttcctaggca acagaagtag aagcatttag cccatcccag 420
 a 421

<210> 5471
 <211> 1139
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (28)...(912)
 <223> similar to gi4240305 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 5471
 actcttacgt caagctaagg acgcggcacg cagcgcttta ttgatgatgt cgtttctgct 60
 gtccgtgtgt ccagctatgg ccagtcagca gcgatgccc gctttgcagg agccatgtca 120
 ctagccgggg cccaaggcag cctgtggtct gtggaaggag gcaataagct ggtttggtcc 180
 ggtttgctga agctcaccaa ggccaatgtg atccatgcca cagtgacctc tgtgacctg 240
 cacagcacag aggggaaagc cctgtaccag gtggcgatg agaatgaggt aggcaacagc 300
 tctgacttct atgacatcgt ggtcatcgcc acccccctgc acctggacaa cagcagcagc 360
 aacttaacct ttgcaggctt ccaccgccc attgatgacg tgcagggtc tttccagccc 420
 accgtcgtct ccttgggtcca cggctacctc aactcgtcct acttcggttt cccagaccct 480
 aagcttttcc cctttgccaa catccttacc acagatttcc ccagcttctt ctgcaactctg 540
 gacaacatct gccctgtcaa catctctgcc agcttccggc gaaagcagcc ccaggaggca 600
 gctgtttggc gagtcagtc cccaagccc ctctttcgga ccagctaaa gaccctgttc 660
 cgttcctatt actcagtgc gacagctgag tggcaggccc atcccctcta tggctcccgc 720

cccacgctcc	cgaggtttgc	actccatgac	cagctcttct	acctcaatgc	cctggagtgg	780
gcggccagct	ccgtggaggt	gatggccgtg	gctgccaaga	atgtggcctt	gctggccttac	840
aaccgctggt	accaggacct	agacaagatt	gatcaaaaag	atttgatgca	caaggtcaag	900
actgaactgt	gagggctcta	gggagagcct	gggaactttc	atccccact	gaagatggat	960
catcccacag	cagcccagga	ctgaataaag	catgctcgcc	caccaggctt	ctttctgacc	1020
cctcatgtat	caagcatctc	caggtgacct	actgtctgcc	tatattaagg	gtccacacgg	1080
cggctgctgc	ttttttttaa	gggggaaagt	aagaaaagag	aaggaaatcc	aagccagta	1139

<210> 5472
 <211> 1786
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (1782)...(1562)
 <223> similar to gi511965 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 5472						
tttttttttt	ttgaaaatga	acaaaataaa	gctttatttg	aactccctcc	cctacagatc	60
attcagatgc	ccgggaccat	gtccagggtc	ctctcagcaa	catggaaagc	taagccattt	120
cacaaacgca	caactgtagc	tacactacag	cccccatgc	ccagggcaca	gctttgttgc	180
taagcctgta	acaaaagacc	accactcagt	atttgtgtac	cctgcagcca	acaccacctc	240
ctgggcttca	cagggttcaact	cacccaagag	gccagcaca	ccacgaccga	gtgggtactc	300
agtggcccag	acaccccccg	aacactggca	ctgccacaag	gccctgaagg	gtagactgtg	360
gggcaaagag	gacaaactct	ccctccccta	agggaccggg	ctcactgggc	ctccttcccc	420
tgccaaccgc	cagccccctgc	atgcctagca	gggaggtaag	cacccactgg	cgtcgtgatt	480
tccattatct	tgctaattgt	gacagcacct	aagtcacatt	aaaacaaaga	gagactggat	540
ccagacctcc	aagtctcatc	attggacctc	agtggttctc	actgccccaa	ccacagagtg	600
aaggtcaggc	agcgtttgcc	aggatttggc	tctgaccaag	ttagtgctct	aacaagtcac	660
ctgagtttct	aatagcttcc	ctgaagaacc	caactatttg	gagtatgttg	cctctcctat	720
caagaggcat	ctggggggcac	aaaaatcttt	ctggatcaca	gcttgaagaa	acagaacata	780
actggagtag	cttcagaact	aaggcggcca	cattcacccc	accgcttagg	agttagctcc	840
attatacaca	accaagcaca	ggagaaacac	tcaccaggaa	aagatgccgg	aggcttggaa	900
gttctcaagg	gaactgttta	gacagaggta	caaacatctc	caattcagac	ttccaaatac	960
actaacaata	attaaaaatg	tggcctctga	tcctcatgtt	tcctcaccag	tagaggcaaa	1020
aaaggagatt	ttcataacta	catgttataa	agaacatgtt	caagtaaate	cacacactac	1080
atgtgagtgt	tgcatgctgt	tcttcacaaa	tataaaagta	taaaaataag	atttctgacc	1140
tttgtatcta	gacagatctg	gagaaaaaac	ggttgctact	agctaactag	ctctgtgtta	1200
tctgacgagg	cgcgctatcc	cagggcctca	ccttcccttg	ctggctcaag	agggcagagg	1260
aatggagatg	gcaatgcctt	ttcattccag	gaaaccaaac	tcagatggca	gaaccagccc	1320
tagccatgtc	gcatagcctc	tccatgggtg	acactcctgg	gacctccaat	ggatggggaga	1380
aagggtctct	agcccagctt	cacgtgaggg	cgggtgtggg	catgtgtggg	gtgggggctg	1440
cttctgggac	gtaggaagac	gccaaacctc	ggggtagctt	ctgggaagga	caagccaggg	1500
cttgggtgcc	cgcccatccc	aagagcccca	caaggtgcca	gctcacttag	cagcagcctg	1560
cttgtccttg	cacttctggg	agacactcag	gatctctgcg	atgatgctgg	ggtcctccaa	1620
ggtggtagt	tctcccagct	cctgggcctc	actagtgatg	atcttctctc	ggagccgccc	1680
catgaccttc	ccagacctgg	tttttggaa	acgtttcacc	accaggatct	catcaggcac	1740
agcatatttg	gcgatcttgg	tggccaccat	ggacttgagc	tgcacc		1786


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gttctcccag gagctcaggg cctgtcagac ctggtgacaa gtgccaaagg ccacaggcat    420
gagggaggcg tggaccactg ggccagcacc gctgagtcct aagactgcag tcaaagccag    480
aactg                                           485

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<210> 5475
<211> 1281
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (2)...(482)
<223> similar to gi4589566 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

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<400> 5475
tggaaagacc tttagccgtg gttatcatct tattctccat cacagaattc atactggtga    60
aaaaccttac gaatgtaagg aatgctggaa agcctttagt cgctactcac aacttatttc    120
acatcagagt attcatattg gtgttaagcc ctatgactgt aaggaatgcg ggaaggcctt    180
cagactactt tcacaactca cacagcatca gagtattcat attggtgaga aaccttataa    240
atgtaaggaa tgtggcaagg cctttagatt gcgccaaaaa ctactctac atcagagcat    300
tcatactggc gaaaaaccct ttgagtgtaa ggaatgtagg aaggccttta gacttaattc    360
atcccttatt caacatctga gaattcattc tggtagaaaa ccctatgaat gtaagggaatg    420
taagaaggcc tttaggcaac attcacacct tactcatcat ctgaaaattc ataatgtaaa    480
aatctaagaa agtcttttca acttctgtgt tatagaacat tctatgaatg tagtaattaa    540
tctattttgc tccatacatg caactgcgtt ggcatlagag gttttatacc attaaaagag    600
tgtgacaatg tattgtagtc catcatcact caaacctgaa acttcagcat atttgttcta    660
aaaactaatc ctgttataag aatgagaaag acatttaccg tcatccctat cccatcactt    720
tgtgtcatat tggacaagac gcttaactgc tctgtgctat aattttttta tttatgacat    780
ggtcatataa gagtgcagca gtttgacaca ctttcaatca agaggtggaa ccctacatcc    840
ctctgttgta tacaggaatc tacatccctc tgtgaactct tggccccagt agaatatggt    900
agacgtaact gctgtgctgg tttcttgact cagactttac tggtaggggt acttcacctc    960
atggaaatga cagaactgtc ttggttacaa agtctggcta ctttgctgaa gagaccacat   1020
gaagaggccc tgaaaactac gtagagaggg agaggcacct gctgaaccct gtcttcttga   1080
catccaccaa gataccagac atttgagtga aattttggat ccaccagacc agccaccagc   1140
taaatgccag tgagcgactt ggtaacctga actgatgcca tgtagaatgg aagaattgac   1200
cagctgagcc cctggcccaa atttctgacc caaaaaaca tgagatataa taaaatggtt   1260
gttgttttta gccactaaaa a                                           1281

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<210> 5476
<211> 1638
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature

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<222> (1)...(298)
 <223> similar to gi4091819 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 5476

cgctgggagg	gtacccgctt	ctcggagggtg	caggccctgc	cctcccgggg	ctcgtctggcc	60
ctgcagccct	tccttgtggg	tggccgccgc	tacctggcac	tgggcagtga	tttctccttc	120
acccagatct	accagtggga	tgagggacga	cagaagtttg	tacggttcca	ggagctggct	180
gtgcaggctc	ctcgggcctt	ctgctacatg	cctgctgggg	acgcccagct	actcctggcc	240
cccagcttca	agggacagac	gctgggtgtat	agacacattg	tggtagatct	cagtgcctag	300
ggggtgccga	ggcctctggt	ctcctcaggg	tggccactgg	aggatgggtg	ggggcctctg	360
tgagcaccac	gtatgcctgt	gtgaagacaa	gccaccaacc	tgcattcatg	cccttgtatc	420
cgcacacgcc	cagtgtgtac	aggcgacccc	cgtggactgg	cccaggagga	cgtgcatcat	480
cactgcaatc	agcatgaaca	ccaggcaccc	ctgggacacc	taacgcccag	ttcccgtgac	540
cccaactgca	ggccccccct	actctgcagc	ctttcccatg	ctctgcccc	tgtctcatgc	600
acgagtgggtg	cgggggtgctg	ggagcgaggg	gggccgcac	ctcctgtcct	tgtgcttctc	660
cttctgcccc	tctgggtcttt	cctgttggtg	ctccaggcat	tgtttacctg	ctcttgctcc	720
ccgctgtagc	ccacagccat	atctgtcatg	cttcccgggg	gccactcacc	cctgccccac	780
ccgctctgca	tgtctacatg	gacgcggacg	gacacactca	ttacacactc	acacgccccg	840
actgcacccg	gtgtccatct	ataaacatgt	cagggcacgt	gtgcatacaa	gcagattcag	900
cactgcctac	caggtctctcc	tgttaccttg	cctctctgct	tggagggggc	cccctctgct	960
cacccccagc	gtgccccccc	cggaactgat	aaggatgaga	atgggtgggtg	cagcttctga	1020
gggcctgctt	ggcctcctgg	gggcaaagcc	cctctgcccc	aagcaataac	aacagcagca	1080
gaagcaatcc	cggggagctg	ccagggggtg	ctgtctctgt	tctccttggc	gtttccttca	1140
tggccgtgaa	tcccagctca	cccatggaca	gaagacctcc	cctcatctga	aagcctttct	1200
gccttccttc	ctgtagctgt	cgctttctca	ggcttggact	gtcccctggt	tcaccctgtc	1260
tttgggatgt	ggcccttgag	ctgggcgggc	tccttgggtg	gattagagag	ctggccgagc	1320
tgcaagcacc	tgagttacct	gcgaggggtg	ccagagtgga	gcttggcctg	agggcggtgt	1380
gcagccctgg	ccccaccagt	ccacagaggc	ccccaggagc	actgcctttc	agtggaccgg	1440
gtgggggctg	gtgggagggg	ccccactagc	tgagcttctg	ctgccctctg	ctgtctgctg	1500
agatgccagg	ctagtggaga	gggcacacca	tgtgcccaaa	tgggtgtgatg	ctccttgtag	1560
caggatacca	gggtactggg	gggcaatgct	atgattaact	tgcttcaaat	aaaaagttcc	1620
cgccccataa	aaaaaaaa					1638

<210> 5477
 <211> 3042
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(3043)
 <223> similar to gi5689549 in the genepept database release 114;
 Run with FASTXY 3.3t00, default parameters

<400> 5477

catcaaatga	attgtcacia	tactcgaata	atgcaagaca	cagaaaagga	tgataacaat	60
------------	------------	------------	------------	------------	------------	----

aatgacgaat	atgacaatta	cgatgaactg	gtggccaagt	cattgtttaa	cctcggcaaa	120
atcgctgagg	atgcagccta	ccggggccagg	actgagtcag	aaatgaacag	caatacctcc	180
aatagtcttg	aagacgatag	tgacaaaaac	gaaaacctgg	gtcggaaaag	tgagttgagt	240
ttagacttag	acagtgatgt	tgtagagaaa	acagtggact	cccttaaact	attagcccaa	300
ggacacggtg	ttgtgctctc	agaaaacatg	aatgacagaa	attatgcaga	cagcatgtcg	360
cagcaagaca	gtagaaatat	gaattacgtc	atgtttgggga	agcccatgaa	caacggactc	420
atggaaaaga	tggtagagga	gagcgatgag	gaggtgtgtc	tgagcagctc	ggagtgtttg	480
aggaatcagt	gcttcgacct	ggccaggaag	ctcagtgaga	ccaacccgca	ggagaggaat	540
ccgcagcaga	acatgaacat	ccgtcagcat	gtccggccag	aagaggactt	cccaggaagg	600
acgccggaca	gaaactactc	ggacatgctg	aacctcatgc	ggctggagga	gcagttgagc	660
ccccggtcga	gagtggttgc	cagctgtgcg	aaggaggatg	ggtgtcatga	gcgggacgac	720
gataccacct	ctgtgaactc	ggacaggtct	gaagagggtg	tcgacatgac	caaggggaac	780
ctgaccctgc	tggagaaagc	catcgctttg	gaaacggaaa	gagcaaaggc	catgaggag	840
aagatggcca	tggaaagctg	gaggaggggac	aatatgaggt	catatgagga	ccagtctccg	900
agacaacttt	ccggggagga	cagaaagcct	aaatccagt	acagccatgt	caaaaagcca	960
tactatgata	cctcaagaac	agaaaagaaa	gagagcaagt	gtccaacccc	cgggtgtgat	1020
ggaaccggcc	acgtaactgg	gctgtaccca	catcaccgca	gcctgtccgg	atgcccgcac	1080
aaagatagg	tccctccaga	aatccttgcc	atgcatgaaa	gtgtcctcaa	gtgccccact	1140
ccgggctgca	cggggcgcg	gcatgtcaac	agcaacagga	actcccaccg	aagcctctcc	1200
ggatgcccga	tcgctgcagc	agagaaactg	gccaaggcac	aggaaaagca	ccagagctgc	1260
gacgtgtcca	agtccagcca	ggcctcggac	cgcgtgctca	ggccaatgtg	ctttgtgaag	1320
cagctggaga	ttcctcagta	tggctacaga	aacaatgtcc	ccacaactac	gccgcgttcc	1380
aacctggcca	aggagctcga	gaaatatctc	aagacctcgt	ttgaatacaa	cagttacgac	1440
aaccatactt	atggcaagcg	agccatagct	cccaagggtg	aaaccagggg	tatatcccc	1500
aaaggatatg	atgatgcgaa	gcggtactgc	aaggacccca	gccccagcag	cagcagcacc	1560
agcagctacg	cgcccagcag	cagcagcaac	ctgagctgcg	gcgggggag	cagcgccagc	1620
agcacgtgca	gcaagagcag	cttcgactac	acgcacgaca	tggaggcggc	ccacatggcg	1680
gccaccgcca	tcctcaacct	gtccacgcgc	tgccgcgaga	tgccgcagaa	cctgagcacc	1740
aagccgcagg	acctgtgcgc	cacgcggaac	cctgacatgg	aggtggatga	gaacgggacc	1800
ctggacctca	gcatgaacaa	gcagaggccg	cgggacagct	gctgccccat	cctgaccctc	1860
ctggagccca	tgtcccccca	gcaacaggca	gtgatgaaca	accggtgttt	ccagctgggc	1920
gagggcgact	gctgggactt	gcccgtagac	tacaccaaaa	tgaaaccccg	gaggatagac	1980
gaggacgagt	ccaaagacat	tactccagaa	gacttggacc	cattccagga	ggctctagaa	2040
gaaagacggt	atcccgggga	ggtgaccatc	ccaagtccca	aacccaagta	ccctcagtgc	2100
aaggagagca	aaaaggactt	aataactctg	tctggctgcc	ccctggcgga	caaaagcatt	2160
cgaagtatgc	tggccaccag	ctcccaagaa	ctcaagtgcc	ccacgcctgg	ctgtgatggt	2220
tctggacata	tcaccggcaa	ttatgcttct	catcggagcc	tttcagggtg	cccaagagca	2280
aagaaaagt	gtatcaggat	agcacagagc	aaagaagata	aagaagatca	agaacccatc	2340
aggtgtccgg	tccccgggtg	cgacggccag	ggccacatca	ctgggaagta	cgcgtcccat	2400
cgcagcgcct	ccgggtgccc	cttggcgggc	aagaggcaga	aagacgggta	cctgaatggc	2460
tcccagttct	cctggaagtc	ggtcaagacg	gaaggcatgt	cctgccccac	gccagggtgc	2520
gacggctcag	gccacgtcag	cggcagcttc	ctcacacacc	gcagcttgct	aggatgcccg	2580
agagccacgt	cagcgatgaa	gaaggcaaa	ctttctggag	agcagatgct	gaccatcaaa	2640
cagcgggcca	gcaacgggat	agaaaatgat	gaagaaatca	aacagttaga	tgaagaaatc	2700
aaggagctaa	atgaatccaa	ttcccagatg	gaagccgata	tgattaaact	cagaactcag	2760
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cagaacgagt	ctctcctcca	cgagctggcg	aacctgagcc	agtctctgat	ccacagcctg	2880
gctaacatcc	agctgccgca	catggatcca	atcaatgaac	aaaattttga	tgcttacgtg	2940
actactttga	cggaaatgta	tacaaatcaa	gatcgttatc	agagtcacga	aaataaagcc	3000
ctactggaaa	atataaagca	ggctgtgaga	ggaattcagg	tc		3042

<210> 5478

<211> 2048

<212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (367)...(807)
 <223> similar to gi3417289 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 5478

ctacgatcat	tccgccaagc	ttggcacgag	gccgtaggcg	ctcccgggcg	ctggcggcgg	60
cggaggagag	ggagcagcgt	cacgggcgcc	cggcccgtta	aaacgctgct	ggctggagcc	120
acctccctcc	ctgcagcccg	caacgggaat	ggagtaaagg	gagacccgtc	gacctggcca	180
cggggatcag	cgatggaatt	aaagcaatct	ttgtccaccc	atctggaagc	cgagaagcct	240
ctgaggcgct	atggggcggt	ggaggagacg	gcttggaaaa	cggagagact	ggggagaaat	300
cagctggaca	tcatctccat	ggcggagaca	accatgatgc	cagaggagat	tgagctggag	360
atggcaaaaa	ttcagcgtct	ccgggaagtc	ttggtccgcc	gggagtctga	gctcaggttc	420
atgatggatg	acatccagct	ctgcaaggac	atcatggact	tgaagcagga	gctgcagaac	480
ttggtcgcca	tcccagaaaa	agaaaaaacc	aaactgcaga	agcagagaga	ggatgagcta	540
atccagaaga	tccacaaact	ggtgcagaag	agagacttcc	tggtaggacg	tgcgagggtc	600
gagcgggttaa	gggagcaaga	agaagacaag	gaaatggctg	atttcctgag	aatcaagtta	660
aaacctctag	acaaagtaac	caaattctcca	gccagctccc	gggcagagaa	gaaagcagag	720
ccccaccta	gcaagcccac	ggtggccaag	acggggctgg	cactgatcaa	ggattgttgc	780
ggggccaccc	agtgaacat	catgtagccc	ccacgtgggg	tgccctgggc	catggggacc	840
cccccccacc	ctcttgtctt	tatagcccc	atttcaccgg	ggcccaagag	ctctccaagg	900
cagaaggggt	tgaaggcaag	cccgtgactg	tcaccagagg	ccatgggcac	ggcaggcggg	960
cctggccacc	ctgtacagag	tgtagcagta	gggagtctct	caccgtcgca	tggctcctcc	1020
cagagcatgc	cgaacccagg	agtctgtctc	actgtttatc	caaacaccag	gaaaggtcct	1080
ccctcaaaaa	agcatatctc	cacttctctc	tagctgtatc	taaccaccg	tgtgaatgaa	1140
ctgggagagg	ggcatgctcc	ccagctgtgt	gtagtcgtga	cttctcaaca	atctagcacc	1200
atgtcggaca	cgttccccat	ccaccctcct	agctctgctc	tcagagctag	gcacatgggc	1260
acagggtccc	tcccgctctgt	cctctcccag	caactgtgcc	ctggaggggct	ccacatggcc	1320
cccggtgtct	tcgggcacca	cccatatagc	agtcccagag	ggcccatctg	taaagatcga	1380
gcttgtgtgt	ggtgtcgtgg	tcacatctcc	cgcttcccc	catcctgtgt	ctgggcacag	1440
ttcacatcag	gacagcgtcc	attgtgtctc	cagtctgcct	cagggtgtgtg	cctggagggg	1500
gcctggactg	gcatggatcc	agtgtgcaga	agagccagca	gggaaccgga	agctctgatg	1560
tcaaggccag	agcagttgag	aatgggaacc	agagtagatg	ctgacctggg	cactccacca	1620
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caacagccag	cccggtagag	cctgtgtgac	ttctctgtat	gtgtgtgtgt	gtcgtgacca	1860
gcctaagtag	ttagcataac	tcaagatgct	gatgtgcagt	cacccatcag	agaaaataaa	1920
aatggaaacc	acgttcacag	cattttaaaa	gtttttactt	tttttcttga	ttatggaagt	1980
aatccatgta	catagtaaat	cattttaaaa	gtacaaaaag	tatgaagaag	tttgtcttaa	2040
aaaaaaaa						2048

<210> 5479
 <211> 1465
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (12)...(1402)
 <223> similar to gi3510639 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 5479

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gatctgttca	cagtgtcatc	aatcgctctc	ctccacacct	catcaaggag	attctgctgg	180
tagatgactt	cagcaccaaa	gactatctaa	aagataatth	ggataaatac	atgtcccagt	240
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caggagcaca	gaatgcaaca	ggtgatgtgt	tgacattttt	agattctcat	gtggaatgta	360
acgttggttg	gttggaacct	cttctggaaa	gagtttattt	aagtagaaag	aaagtggcct	420
gtccagtaat	cgaagtcata	aatgataagg	atatgagtta	catgacagtg	gataactttc	480
aaagaggcat	ctttgtgtgg	cccatgaact	ttggttgagg	aacaattcct	ccagatgtca	540
ttgcaaaaaa	cagaattaaa	gaaactgata	caataagggt	ccctgtcatg	gctgggtggat	600
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ggtacttgga	gaatgtcttt	cctgacttaa	gggtctccat	tgtgagagct	agtgggtgtgc	1020
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ataacagaaa	caaagggtta	aaatggctgc	ataaatcaac	atcagtcttt	catccagaac	1260
tggtgaatca	cattgttttt	gaaaacaatc	agcaattatt	atgcttgga	ggaaattttt	1320
ctcaaaagat	cctgaaagta	gctgcctgtg	acccagtga	gccatatcaa	aagtggaaat	1380
ttgaaaaata	ttatgaagcc	tgaagtgtaa	ctgatgtttt	tatatagtaa	accattaaa	1440
tactgtgaaa	ataaccctga	aaaaa				1465

<210> 5480
 <211> 405
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (127)...(214)
 <223> similar to gill72146 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 5480

atcatgggtg	tttttaagg	gagtcagcaa	aaaataaaat	aaggggagtt	ggtggttgtg	60
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tcttcagaga caggacagga acgagagcca ggctctggtc cggccgtgtg cgagttcttc 180
agcgttgccc tccacatctg gagtaacata ttggtaggtg tgttttgatg aaggaaacat 240
gactccaccc tctcccatg gccttcccag ggaagtagca gaaatctaag aaggtcaggg 300
ggaggagcta acttcagcta gaagtctcat tatcagccag gaggattgat gaccaaatag 360
aaaaaagtaa tttttaaaag gctttatttc cctgcccata tcttc 405

```

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<210> 5481
<211> 6845
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (6595)...(5150)
<223> similar to gi2337952 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

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<400> 5481
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ggcacagcag cgcggagccg gcagggccac ctctctctct acacacaagc atgtggcact 180
tagcgcgcca acacacacct gctcagtttc acagggaaca cgacacagct tttcaaaagg 240
aattcttcta aacatttgct ttcataattc caaaagggga gggaggggcag gaagaaccac 300
acgccttcca acatttgaaa aaattccata aacccaactt aaaatcaaag aactcagaga 360
gcttcaatgc ggagtcata gcaactcgca ggaaccacac acatgattgg acaagtctgt 420
acataaaacc ccaaaagaac atcagttttg tggacaatgg tttcctctgc tgtaaagaaa 480
cgtatgcata tatgatcagt aagcagctca catctttctg aatgtcaagg tctacaggat 540
tgtctctgtc cacctttggg caatgggttc aggaagttag tcatgggaac tgcactctta 600
ggagaaacac ttttgggaat aattttattg aataacaacc accactcaat tacactaagc 660
ttcagaaatt gttggatttg ttttaatttg ctgtgtacct atacattgtt tagaaagttt 720
cttttggtt aaactgacca tttccccct tctttttgag ttttccatga tttaaacttgc 780
ccaaataaaa acataacaat ccatatgcaa agcatatctg ccaccacctc ccactgcttc 840
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cacaggaggg ttgatgagac agtctatttt ccttcacca tcttccatga gagtccaggaa 1260
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tatgtgaagt tattgaacac gtcataatga gaacatttca taactaacc caaacaaaaa 1800
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gaagtcaaat	gttcccaaat	gtagcccttt	acatcggcac	caggggaagcc	tgccatatat	2040
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gtgcc 6845

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<210> 5482
<211> 1477
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1478)...(496)
<223> similar to gi3880930 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

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<400> 5482
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ggttttctgg atattttcaag cacacattaa aacaattaca gagaggacat acatttatga 180
tttatgcaaa ttaaggcaca tcaattacaa tctatttttt taagttagtc agtttaaaaa 240
tcttcactta caaaaattca aaatatgtcc aagctcaact ttttagtagg aatgttaatt 300
tgttggtgtt ggccattttc ttttttcacc ttaaagggtc aacatgaaac aatgaggaat 360
gtaggtcttt gtaaaacaca taaataacct tgatgttttg aatcatttgg cccttaaaaa 420
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gactatttta gtctgctttt ggctgcagat tgtacttctg tggctggaaa aaatgttctt 540
caatagcact gaccagttca ttcagttcct tcttcagctg ctccaggatca ctgttcccag 600

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tggccttggt	tttgtcagcc	aaagcaaaaag	acaaatcaca	gacacctttc	ccctcttcgg	1440
gattcgggta	tttactgtt	ggaaaactcag	gatccgg			1477

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<210> 5483
<211> 2150
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (2028)...(1258)
<223> similar to gi220637 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

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<400> 5483						
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aaaacataaaa	ctgaatcaaa	ttttgaaact	gtctttgaca	agataaaaac	accaaataatc	300
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gactgagtat	ccgtgcacag	cagaagcatg	tgatggtcct	cagtcccaag	tgggaagagct	1140
aatggtaaag	tcatatcaga	aggcttcaca	tccatagttt	ctgataaagg	acttttttgt	1200
atggaatcct	gttactcaa	agtatgatcc	tctgcactgg	agtctagagt	tttatctgca	1260
ccagaatgga	cttttggttt	gtgcttcttt	aaatttttaa	tatctgtgta	agaattttcca	1320

[illegible]

<400>	5484						
ctcaat	taagaaacat	ttattctttt	ctaaatgaaa	gtgaaattgc	agttgtaagt		60
acttaa	gaaacattgg	ttttacaaga	taactagcta	tatgaccatg	accttaagggt		120
catggg	ttggctctgt	gtctccaccc	aaatatcttg	tatctcccat	tattccatgt		180
ggaggg	gcctggtggg	aaataattta	atcacggggg	caggctcttc	ccatgctggt		240
cgatag	taagcctcat	gagatctgat	ggttttaaaa	atgggagttt	ccctgcacaa		300
ctctc	cttgctctgt	gccatccatg	taagatgtga	cttgctctc	tttgcccttc		360
cgattg	tgaggcctcc	ttagtcatgt	ggaactgtaa	gtccattaaa	cctctttctt		420
aaattg	cccaatctca	ggtatgtctt	tatcagcagc	atgaaaatgg	actaatacaa		480
ctagac	aaggtgatta	aaggctctat	aaattctaaa	ttgtgcaatt	ctaagacatt		540
gcattt	tacatgtcta	gatgactgcc	atcttttttt	taatattttt	ccctcacatg		600
agtcta	ttctcattac	agaagaatac	gtttaacata	cagttacaga	aacagagggt		660
tataat	atttaaaagt	aacttcaaaa	tatatttgca	ctgaaaatatg	gaggcaaaat		720
ctgag	tcaggaaaca	tttattcttc	cccataaatt	taaatggagg	tgaaactgtg		780
gaagc	aaagaacatt	tatctcacia	ggtaactctg	aattctttta	attctgaaac		840
tacatg	tacaacactt	acagcattca	cacaacacta	ttttcaaaat	agggtttttga		900
aaaaa	tgaaaattct	tagtgacaag	ctttagatat	gaaacttagc	ccagtgggta		960
ctttgt	cacaaaaagg	aactacagac	aaatagtttt	tccctctccc	cgacacaaaa		1020
caatta	cagactttta	aagcagaaaa	aattttctcc	aaaatgcaaa	tgattaagggt		1080
gaaca	aatgaacaga	agatctcaat	tattcaattg	agcgagtgat	ttagtttgca		1140
actcc	ttttcttact	acttcctgat	atctgattct	ggcaatatatt	atcttgtatc		1200
ggcaa	gacactggga	acacaaagaa	attttagaca	aggctcagtg	gtatgtgggt		1260
tttaa	caactagctc	ttaagggaaa	ggtaggtctt	cacttatagc	atttctatgg		1320
ataact	ccaattgccg	cagatttcaa	gctagcaaca	atttgacaac	tgtctcacaa		1380

aattcctcaa	actaacgatt	gtcactcata	agacattaca	agccagctcc	aacacaccac	1440
cgtacagtct	ccaccttcaa	gtagttcata	atctcttcat	gggtaccttg	tatcagatct	1500
tgggcaactg	ccggctgggg	tgaccaggga	attcttcttg	tagcaaaacg	tggagtctgc	1560
acgttggaca	tgtcccctgt	tgcatacaacc	atggtctaata	gcactgagca	tgggaatttgt	1620
gagcgcaagg	caaaactgaa	agatttttctg	gagacagatt	ctcatgacag	atcacacaag	1680
gctcttcttc	ttcctcttcc	tcatctggat	tactggctcc	ttcccatgtg	gcaggaccct	1740
gtgaagtgag	tggcctccag					1760

<210> 5485
 <211> 395
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (397)...(71)
 <223> similar to gi48676 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 5485	
cgcggtatct	ccgcagccct gagaagctca tcaagaggat aaaactgcct tagctcgttg 60
agtactttca	ctttttcgtg ggatgagcta aggcctttcag cttttttaga tacataagcc 120
gcgtttcaag	aaatcgaact tgcctttcaa gatcctcaat gcgtcggtct ttgacagct 180
ccaatgctga	tgcgcgtttt tctggatcaa ctgatattgc aatgtttctt ttggtgcca 240
tcttgagcgc	gcgtaaacca gcttctccgc gctcttcata gaccttcagc cacctggcta 300
cagaaccact	accagcaagc ataaagttag cagcagcctg attaaggagc atgtgctgct 360
cgatcacagc	tttcacgacc ttaatacgca actct 395

<210> 5486
 <211> 540
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (9)...(150)
 <223> similar to gi4062479 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 5486	
aaggcgggag	tgcggcaatg agcggcgaag cggcgtttta cggcctgcaa ccggtagata 60
gcgatctgca	cgcgtttgct gcacatcagt cggtgttgaa ggcctacgaa aagctgcagc 120
gcgcaaagc	agcattctgg gcaaaataaa atcaaatagc ctacgcaatg taggcttaat 180


```

<400> 5488
ctacgaattc aatgtccgta cccgtacatc gtatagaatg gacttgcctt gaccttacct    60
aagttacatt gattgctggc aaatgtaaag atattgctgg tttattgttt gtttttgcga   120
gatgcgccgc accattccga agcaaaaattc ttaaaatgca ctcttttagt gctaccgctg   180
gattactgtg gtgcaactag gttgtactga tgctgtttca gggtttgcct tgtataacaa   240
agcaatagat gtgccaaaag tggataggag aatattgtta tccggataat gcactgatgc   300
cgcattccgt gagcgtgccg aaatatggga tgtattccgg cacgataaga agggattatt   360
tacgtcgtcg acgcagactc atcaacacag cagcaaaacc aaacaatgcc gtcagcaccc   420
acagcggcca gttgccggtg cgtgcgtatg gtgtgatttc g                                461

```

```

<210> 5489
<211> 429
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (44)...(371)
<223> similar to gil48183 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 5489
tatgaccacg attacggatt cgatgtccgt acccgtacat cgtcccgact gtaaccaccc    60
tgagattacc ctgctgaaga cgcttctggt caaccagact aatccggtcg atctctcatc   120
gctgcatcag caaaatgccg taccgccgcg cgtcgcaaaa caactctgcc gtttactacg   180
cctggccatc atttttgccg gccgtcgccg tgacgatctc gtgccagaga tgacattaca   240
ggctaaccat gaactgttga ccttgacgct tccgcaaggt tggctaacc aacatccgct   300
gggtaaagag attattgctc aggaaagcca gtggcagagc tatgtccact ggccgctgga   360
agtgcattaa tgagtaagtg ccggatgcga tgctgacgca tcttttccgg ccttgattat   420
ttccctcgg                                     429

```

```

<210> 5490
<211> 537
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (8)...(356)
<223> similar to gil742763 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 5490

```

tgacagacat	agtcagaaca	gttatcgcg	cttattgaaa	atcatgccga	cggcaaccaa	60
tgcgcgcaat	ttcactcagt	gcgactcaat	gctgattggc	gctaattgtg	gggcgcatac	120
cttcccgtat	gttgagtgtc	gtaacaatag	tgcgcaactg	gaacacgagg	caacgacatc	180
acgtattggg	gaagatcaac	tgttttactg	cctgcaacgc	gggatcagcg	aagaagacgc	240
catctcgatg	attgttaacg	gtttctgcaa	agacgtgttc	tcggagctgc	cgttggaatt	300
tgccgttgaa	gcacaaaaac	tcctcgccat	cagtcttgaa	cacagcgtcg	gataaggaat	360
aaacatgtta	agtattaaag	atttacacgt	cagcgtggaa	gataaagcta	tcctgcgcgg	420
attaagcctc	gacgttcac	ccggcgaagt	tcacgccatt	atggggccaa	acggttcggg	480
caaaagtacc	ttatcggcaa	cgcttgccg	gcgagaagat	tatgaagtga	ctgtccg	537

<210> 5491
 <211> 471
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (3)...(357)
 <223> similar to gi2367273 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 5491	
tgctgcgtcg	tccggaaatg acttatgaaa aattaaccac gctgacgccg tttgcccctg 60
cggtgacaga	cgaacaggcg gcggaacagg ttgagattca ggttaaatac gaaggttata 120
tcgcgcgcca	gcaagatgag atcgaaaagc agctgcgtaa cgagaacacc ctgctaccg 180
cgacactgga	ttaccgccag gtatccggtc tttctaacga agtgatcgcc aaacttaacg 240
atcacaaacc	agcctctatc ggccaagctt cgcgtatttc tggcgtcacg cctgcggcca 300
tctccattct	gctgggtgtg ctgaaaaaac agggtagtgc gcgtcgtagc gcataacgca 360
ttaaaaatgc	ctggtaagca cccgcttacc aggcaacgca tcaagaacag gtaatcactg 420
tgctccacga	cctctcagtt gtgtatcaaa cacgcaggta tctctctcgc c 471

<210> 5492
 <211> 444
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (25)...(316)
 <223> similar to gi4062503 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 5492

```

ttactaattc catgtcgcgt cccggagatc agccccactg taagggcggt cgcgggatca      60
atgcgcgctcg gctccgggac ggcgctggtg ggcgatggtc ctacggtcgc tgcgcgaatc     120
aacgaatatg ccgcgcttgg catcgacagt tttgtgcttt cgggctatcc gcatctggaa     180
gaagcgtatc gggttggcga gttgctgttc ccgcttctgg atgtcgccat cccggaaatt     240
ccccagccgc agccgctgaa tccgcaaggc gaagcgggtg cgaatgattt tatcccccggt     300
aaagtcgcgc aaagctaagg aagaaataat ggcaacgcca gtgaagaagt ggttatttgcg     360
cgttgcccc tggtttttac cggtgggcat cgtggcggtg tggcaactgg gtcctcgggt     420
tggctggctg tcgacgcgta tttt                                           444

```

```

<210> 5493
<211> 469
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (3)...(241)
<223> similar to gi405858 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 5493
cgctgggtggt tggctggaat attcaggata ccacccgtct gtggctggag ggctggattg      60
ccagtcaaca aggatggcgc attgatgtcc tcgccactc gctcaatcaa ctacgccctg     120
aactattcga aggccgtaca ttgctggtgt ggtgcggtga aaatcgaacc tccgccaac     180
agcagcaact caccagttgg caagaacaag gccatgatat tttcccaactc ggcattttaat     240
gattcggttaa caaatgcgct ttactgtaca atcctttcgt taacataagg agtgcattat     300
gcgcatagct aaaattgggg tcatcgccct gttcctgttt atggcggttag gcggaattgg     360
tggcaacatg ctcgcaggtt atacctttat ttggcggtgca aggtaagtga gtgcggcaac     420
ctctatgata atcccgttcg cgatgatgtg agcgcctaac ataaatgcg                    469

```

```

<210> 5494
<211> 563
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (565)...(197)
<223> similar to gi537108 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 5494
ctgtggatcc atcccttcgg caaatccgac gacggcagct accagaacga gggcaataaa      60

```

```

gccgttaact ttaaagccga tcatcaggat aagaagcagc gcgacgcctg ccgcaataat 120
gattaatggc atagtcttta tctcttatta gtgccagaaa agcagcgctt tcgcgctgca 180
cgtagggggg ctgttaaaca gccactaaca tgccgccatc aacaaacaac aggtggccgt 240
ttacgaaatc agaggctttt gaagaaagga acaccgcagc accaatcagt tcctgcggat 300
ctccccagcg tgcggcgggg gtccgtttgc acaaccaggc ggtgaaggct tcgtcctcaa 360
ccagtgtttt agtcatttct gttttgaaat agcccggcgc aataccgttg acctgaatat 420
tgtggcgcg cagctcgacg cacatgccgc gggtgagcat ttttaccgcc cttttcgatg 480
cggcataagg ggtgatggtg tcacgtccca gttcgccttg catcgagcaa atattaataa 540
ctttccctgc cttgcgttca acc 563

```

<210> 5495

<211> 533

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (536)...(150)

<223> similar to gi405852 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 5495

```

gattacgaat tccatgtccg taccgcgtaca tctccgggac tgggacattc ctgaggttac 60
ccaaactgat ctcatcgcaa ccgacattgc ttaacgcogt cagggcctgc ggtgtcagtt 120
ctaataattc cggacgtagt gaattcatga ctgaagattc tccgcaagcc atgatgccag 180
ctcgcccggc gtcattggcg ctattttgtgc gccgacatta accagegcct gggccgtatc 240
gcggtcatag caaggtggtg cgggtgctatc gagcgctgcc agtcccagca ctttgatgcc 300
gctctggaca cactttttca cctgatgcgt cagtaatgat gatgaacccc cttcgtaaaa 360
atcgctcacg aggataatga cgctttttgc tggttgttca ataagttgcc gaccatactc 420
cacggcactg gcgatattgg tcccgcgcgc caactgtact ttcattaata actctaccgg 480
atcggcaacg tctgccgtga gatcaacgac gcttgtgtca aacgccacca gat 533

```

<210> 5496

<211> 389

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (391)...(83)

<223> similar to gi4062233 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

00403E 01400

```

<400> 5496
gcattcagcg cgacgattcc aggccgctac ccgttcttgt cgttgagatt gttcaatttt    60
ctgcgtcatt ttgattgcct tattcttcgc ggatgccgga aagttctgca cgggagagca    120
ccagacgggc gcgatcgata accggaccgt ccaccatctt gccgttcagg gaaaccacgc    180
cgaggccttc gcgagcgggc gcttcagcgg cttctacgac gcggcgggcg tgatccactt    240
ctttctgggt cggggcggtat aggatgtgca gcagatcaat ctgacgcggg ttgatcaacg    300
at ttgccgtc aaagcccagc tgtttgatgt gggcggtttt ttgcacaaat ccgggttcgt    360
tg ttagcggc ggaattgacc cgattgaaa                                389

```

```

<210> 5497
<211> 590
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (592)...(92)
<223> similar to gi3041757 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

```

<400> 5497
gaactgatta agagatccat aggtgaagaa gaaaaacggg gccagcaaca ataaccagcc    60
agcgccttgt agcaatacgt tccgacgttc agttatcacg acgcaccgcc atcgaaaccg    120
taaaaataacc ccactcatca atccgttgtg tgcatttatc aaatccggca tcacgcacga    180
gtgaatccat ctcccccttg gaacgcacgc gcattacca cggtttacca tctttatgac    240
tggttaaacac cccggcaatc atctccagtt gaggggtgcc cggctgcccg gtgtagatga    300
gaatgccgcc cggttcgatg gcattggcaa gacctgcgag tgagtttttt acctgctcat    360
tttcgggaaa aagctcatac aggccagaga caatcgccag cgtaggccgc ggagttaacg    420
cgctgagttc ctccgggtta aacgcacgc cctgttcaaa acgcacccgc ccagacattc    480
cccgttgagc aatcatctct tgcccctgtg caacatttaa ctcgctgtaa tcacgtaaca    540
aaatatcgct tacggcaggc tcgtttgccg gcgcacccag tacatagcgc                    590

```

```

<210> 5498
<211> 567
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (28)...(346)
<223> similar to gi987639 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

1. The first step is to identify the problem or goal.

```
<220>
<221> misc_feature
<222> (12)...(285)
<223> similar to gi882573 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters
```

```
<210> 5500
<211> 375
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (3)...(312)
<223> similar to gil789617 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters
```

4028

ccctggcgat	gaccgactgc	tcaacgccgg	aagacggcct	ggcatgcca	aagctgggag	60
ccgaaattat	tggcactacg	ctttctggct	ataccacgcc	tgaaacgcca	gaagagccgg	120
atctggcgct	ggtgaaaacg	ttgagcgacg	ccggatgtcg	ggtaattcca	gaagggcggt	180
acaacacgcc	tgctcaggcg	gcggatgcga	tgcgccacgg	cgcgtgggcg	gtgacggtcg	240
gttctgcaat	cacgcgtctt	gagcacatct	gtcagtggtg	caacacagcg	atgaaaaagg	300
cggtgctatg	accacactgg	cgattgatat	cggcgggtact	aaacttgccg	ccgcgctgat	360
tggcgctgac	gggca					375

<210> 5501

<211> 846

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (831)...(504)

<223> similar to gi4062221 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 5501

tttagttcgg	acgttattga	ctatatatt	tggttggtca	aggcctctga	gattttttctc	60
aagatgggtga	tgcagattta	accctggtgt	cgtcggcgcg	ataccttttc	ctgagcgaat	120
gaataaagg	tcattaaatt	gcgcacgtaa	gcgttgtaac	gactggctca	cggctgatgg	180
ggtgatatat	agtgattcag	cagctttgct	aatgcttaaa	tgctggtaaa	tacactcaaa	240
tatgacaaga	agatttaagt	cgaacttttt	caagtcgtag	agattggcca	tacactactc	300
cggttatatt	tttcttccat	gatataattca	cttaatcaat	gtttttttg	tatatatttt	360
tattgattat	gattttttgc	ttaactcagg	attaagtttt	tctaaaatag	cacagccact	420
tatggcagag	cgagcaattc	atgctttttt	aggatgggtg	aaaagcaggg	atatagttca	480
accatccatg	aattaccttt	tattttattcc	ccataatgat	attaagcgtt	ttctgatcgg	540
gcaacccac	ggcctgttgt	agcgtatttt	ccttactcat	gtaatagata	gccggcgtga	600
catttgcccc	cagatcgctc	atcagtttat	cattgtcact	taacactttc	atttgctctg	660
tacttacggt	tgcaggcacg	tttagcttaa	gcttgccacc	agaggcttca	tattgttgcc	720
aggtttttgc	gggatctttg	gaggcaagaa	ttgccgctgc	tgctgccggg	ctttctggct	780
tgatagcccc	agccagcaat	gttggttaatt	gcactttgtc	agagtctgcc	cgcaagacgg	840
accgga						846

<210> 5502

<211> 353

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (2)...(295)

<223> similar to gil789468 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

0040873E 0.12300

```

<400> 5502
ggattcggta gtgcgtgcc aaaaaggtttt tggtgaaaac catatcacca ttatctcgca      60
agaatttcat aatcaacgcg ccatctggct ggcaaaacag tacggcatcg acgctatcgg      120
ttttaacgcg ccagacctca atatgaagca cggtttttat actcaactgc gggagaaaact      180
cgctcgtgtc agcgccgtga ttgacgccaa aatcctccat cgccagccga aatatctcgg      240
gccttcggtc atgattgggc cgtttagtga gcatggctgt ccggcgcaga aataatgcgt      300
atctgcgcac gtcgaagatg aaaaaggcgt gctacattgc cgacagaatc cct              353

```

```

<210> 5503
<211> 637
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(437)
<223> similar to gil651350 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 5503
aaagacattg gcgcgctgga ggaagtgtgg ggcagtagcg tgatgaatcc gtggctgccg      60
aaagagcaac aaagtagcat tctgaaagtg acggtgcttg agcatcatcc gcattacgcg      120
atgaccgcgc tggcgttggg cgatcagcat ttgtgggtca ataagctgga cgaaccgctg      180
caagctgcgc tacgtatccg cattcaggct tccgatgttt ctctggtttt acaaccgccg      240
cagcaaacca gcattcgtaa cgtattgcgg gcaaaaagttg ttaatagtta tgacgacaac      300
ggccagggtg aagtggaact ggaagtcggc ggtaaaacgc tgtgggcgcg tatcagcccg      360
tgggccaggg atgaactggc gatcaaacct ggctgtggc tgtacgcgca aattaaaagt      420
gtgtcgataa cgcctgatt aaatcagggt gctataaatg aactgggcaa tgctgtcgg      480
ggtgttatca ccaatcacia tggtggcgcg cgcttttacc gcgtcatcgg cgttgccccat      540
cgccacgcct gtaccagcgg cttccagcat actgatatca ttaaagttat cgccgaatgc      600
cacgacgttt tccatcgacc aaccttgccg ctcaacc              637

```

```

<210> 5504
<211> 305
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (308)...(135)
<223> similar to gi882661 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

001210"3248450

<400> 5504
tgcctacggt tctggcctgg ggacttgtag gcctgataag acgcgtcaag cgtcgcataca 60
ggcgtgaat gtcggatgtg gcgtgcggcc tacaaatcaa accaaattca attggttacg 120
attatcccggt caaagtaatt ttttcgctaa cgtccagacc ccggtattcg tggtggaag 180
cgccacgaca cccgcgttaa tcgcattacg cgcattcttct tcatcgcaca ccagcccacc 240
ggcaatcagc ggttggcgga ttttctctgt caccagccc agcacttttg gcatacagcc 300
tgga 305

<210> 5505
<211> 157
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(89)
<223> similar to gi216531 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 5505
atcgcccttg cggcgcttct ctttgccaca gtgccgaacg atacgcatca aaatgtagct 60
atttcgcggc gaaaaaggag cgcgcaatga agttctggcg acccggtatt accggcaaac 120
tgtttctggc gattttcgcc acctgcattg tcttgct 157

<210> 5506
<211> 404
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (406)...(47)
<223> similar to gi396335 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 5506
catttgggct gttcctaagt gcgtcaggcg gtcaagtgtg tcatcactca tactctgccc 60
gacacatcgc caccgtatct tctatcagac ggcgcgctac ggtgccgggc ggcgggagta 120
acggcaaadc gtcatagcga taccagttcg cctcgagcaa ttctttcggg tcgatcacga 180

tgctgccgct	gtcatattcc	gccataaacg	cggtcattaa	agactgagga	aacggccacg	240
gctgagaagt	cacgtaacgc	aagtttttaa	ctttaattcc	gctctcttcc	atcacttccc	300
gcgcgactgc	ctgctcgagg	gtttcgccca	cttcgacgaa	tccggcaagt	actgtatgga	360
caccgttacg	atggcgggta	tgctgtgcga	ggaggatcga	atca		404

<210> 5507
 <211> 730
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (3)...(733)
 <223> similar to gi41437 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 5507		
tgtttgaccg	tgaacgcggt gcttttaccg gtgccagtgc ccatggtatc ggtcgttttg 60	
aactggcggg	taaaagctcc ctgttcctcg acgaagtggg cgatatgcca ctggagttac 120	
agccgaagtt	gctgcgtgta ttgcaggaac aggagtttga acgtctcggc agcaacaaaa 180	
tcattcagac	ggacgtgctg ctaatcgccg cgactaaccg tgatctgaaa aaaatggctg 240	
ccgaccgtga	gttccgggaa gatctctatt accgcctgaa cggattcccg attcacctgc 300	
cgccactacg	cgagcgagcg gaagatattc cgctgctggc gaaagccttt accttcaaaa 360	
ttgcccgtcg	tctggggcgc aatatcgaca gcattcctgc cgagacgctg cgcaccttga 420	
gcaacatgga	gtggccgggt aacgtacgcg aactggaaaa cgtcattgag cgcgcggtat 480	
tgctaacacg	cggtaacgtg ctgcagctgt cattgccaga tattgtttta ccggaacctg 540	
aaacgcgcgc	tgccgcaacg gttgtcgccc tggagggcga agatgaatat cagttgattg 600	
tgcgcgctgt	gaaagaaacc aacggcgctg ttgccggggc taaaggcgct gcgcaacgtc 660	
tggggctgaa	acgcacgacc ctgctgtcac ggatgaagcg gctgggaatt gataaatcgg 720	
cattgattag		730

<210> 5508
 <211> 243
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (245)...(131)
 <223> similar to gi544485 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 5508

```

atgtccgtac ccgtagaacg taacgaatgg caggacaatg gagtgatgct ataaagctgc      60
cacgatgcgc acaccgatgg cttcatcggg cagcaaaata ttgccgaccc ctaagactaa      120
aatacgcatc acagaacctt cactgaaacc acttcgttgc cgtcagcatc cactacgtgt      180
accgcacagg ccatgcacgg gtcaaaggag tgaatggtac gcaccacttc cagcgggtta      240
ttc                                                                    243

```

<210> 5509

<211> 352

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (355)...(48)

<223> similar to gi688405 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 5509

```

accggcgcaa taaacctgca ggattttctat caggccggga ttatttaatc cttcaatccc      60
agacgtttcg ccagccgatg caggttggcg acgtcgggtt ccagcatccg cgcgaggca      120
gccagttgt gatgattttg tgccagtgcc tgacgaatag ttccacgctg gaacgcttct      180
gtcgcttcac gcaggttttg cttacaacac ggcaccgccg ccacttctgg cgtcggcaac      240
gtcacctcag gaaaagcaaa atgttgcgcc tcaagaatca cttcatcgcc gctgcgggtg      300
gctctcgcca gaactaccgc ccgatgaata gcatgttcca gttcgcgcac gt              352

```

<210> 5510

<211> 214

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (217)...(6)

<223> similar to gi1565189 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 5510

```

ggttactcgt cagcgatgct tgccggtggc cagttttcca ggcgcatgcc cagagacagt      60
ccacgggaag ccagcacgtc tttaatctca gtaagagatt tttaccaag gttaggcggt      120
ttaaggagct caacctcggg acgtgtgacc agatcaccga tatagtggat agcttctgct      180
ttaaggcagt tagcagagcg gacagtcaat tcca                                214

```

<210> 5511
 <211> 171
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (3)...(132)
 <223> similar to gi290405 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 5511
 caggcgatcg cgtagtaata agtgggctgc agaaagtgcg tcttggtgtc caggtaaaag 60
 cacaagaagt taccgctgat aataaccagc aagccgcaag cgggtgctcag cctgaacagt 120
 ccaagtctta acttaaacag gagccgttaa gacatgccta atttctttat c 171

<210> 5512
 <211> 360
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(361)
 <223> n = a,t,c or g

<220>
 <221> misc_feature
 <222> (3)...(282)
 <223> similar to gi4062261 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 5512
 aacaattagt gcaggcctgc caacctacag aagaatcatt aatgccgatt gtgagccgcc 60
 ttgatgcaga aaatcgttgt ccaactggaag cattaattat tcgtcgatta ttaattcagg 120
 cggcgaattt taccgagaag caaactggtg aaccggagcc gcaaccgcag ccaatgcccg 180
 ttgacgatgg tgggccaggc tgtctgggca tcattaaaat tattttctat atttttatct 240
 ttgctggttt gatagggaaa atactccatc tgttcgggtg acagtcgacg ttaatgtgcg 300
 ggaagcccg gaaagtaatct ttccgcattt ttgtaatgtt gcccggcggc cagtnttatc 360

```

<210> 5513
<211> 504
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(505)
<223> n = a,t,c or g

<220>
<221> misc_feature
<222> (2)...(290)
<223> similar to gil45470 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 5513
aaaccgttcg cacatggctt acaggaagtc gccaaagcggg gtcgcgctgg aatgtaaaga      60
cggtcgtatt ttcagtggca gctacgctga aaacgccgca ttcaaccgga ctctgccacc      120
gttgacagga gcgttaattc tgttgaatct caagggttat gattaccgga atatccagcg      180
cgcggttctg gcagaaaaag ccgatgcgcc gttgattcag tgggatgcca cctccgcaac      240
gctgaaaagct ctcggctgtc acagtatcga ccgagtgtct ctcgcttaag cctgggtgccg      300
gatgcggcgt gaacgccttg tccggccttg cagccctctc ctggtgtcga aattcccggc      360
aaacagtttg ccgtttcttg cgcaaaaacca gcgggtaaaag tagcctgatg gaaattttcc      420
ttagatcgag tctcctgcat gttaaagcgc gtgttcctca gcctgttagt cctgatcggc      480
ttgctgccgt tcnctgtgct nggc                                          504

```

```

<210> 5514
<211> 372
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(373)
<223> n = a,t,c or g

<220>
<221> misc_feature
<222> (372)...(250)
<223> similar to gil707458 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 5514
agaaattaac gcgcgatgat gaggcggaaa agtgagaaat aaatgggggtc gctaaatgtc      60
ccctaagggt gcgggcaaac gcaaaactgc ctgatgcgct acgcttatca ggcctacacc      120
gctcctgcaa tatattgaat tcttgcggtt tcgtaggccg gataaggcgg tcacgccgca      180

```

```

tccggcatga acaacgcgca ctttgtttagc aatctcgggg caactaaatg ttgccccctt 240
tcgttttttac cctaccgctg gcgtcggggtc atcgcccttg tagtcgcgtt ttacttccgt 300
cacctcatcg cccttctcgt tgtgcagatg cacttcaagc tggttaaagg caatggtgat 360
gtcgntttca cg 372

```

```

<210> 5515
<211> 545
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(546)
<223> n = a,t,c or g

```

```

<220>
<221> misc_feature
<222> (545)...(89)
<223> similar to gil788699 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 5515
gtgcgccact gatcgccac ttccttcagt tcatgggctg gtttgttccg cagctccacc 60
agcgccctggc aatattttatt actcattaag ccccccacgta attccctgag agataccact 120
cttcacctga tgcagcccg cttactgcttt tccgtaaaca ccggtcacga cgcgccagaa 180
aattgtttcg ttctggctgg gagtggtctt caccggaatgc cgccatccac accggtgcag 240
cacgacggta taagccctg gactccagtt cttccgcctg gcgggtcagg cacaaaatca 300
cccgcgggtc gttagtgcg acatagaaat tgcgcacagg tctggtttca cgaactggtt 360
gtggttccgg atcctgcgct ctctcagtca ggcgcgggaa atgtctgtgt gtatctcctt 420
cacaacgggtg agccacacgc ccactctgac gtaacttgct tgctgactgc agaacgcgct 480
gccgtgagta acctgcaaaa gcatccgcaa tgtctcccca agtacagccc cgatgggnntt 540
caatg 545

```

```

<210> 5516
<211> 353
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (2)...(226)
<223> similar to gil742880 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```



```

<400> 5516
ttggccaacg catttacgcc tgcgcggttc gggtttcggtt aatgccgtcg gacggatcgt      60
cgcagtcttc acgccctatg gcgttgcggc attattaaca cattatgggt cgatcacggg      120
gtttatggta cttgggtgta tggtattgct ctgtgcgctg gttctctcca tttttggcat      180
cgaaacgcgg aaggtgtcgt tggaagagat ttctgagggtg aattaaatct ttcgttgatg      240
gcatcaattg ccagatgtgc cactgacgtg ttttatttgg cctacaatgc cagtacagaa      300
ttgttggccg gcgtaaaatt acccctgtgg ctcttcccag tctggcagcg tat          353

```

```

<210> 5517
<211> 588
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (2)...(404)
<223> similar to gi537232 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 5517
gaaatcaccg gtaggggccg gcggcttgat gcagattatg cctgggtacag cgaccatac      60
ggtgaagatg ttctctattc ccggttatag cagtccctggg caattgctgg atccggaaac      120
gaatatcaac attggcacca gttacctgca atatgtttat cagcagtttg gcaataatcg      180
tattttctcc tcagcagctt ataacgccgg accaggggcgg gtgcgaacct ggcttggcaa      240
cagcgccggg cgtatcgacg cagtggcatt tgtcgagagt attccattct ccgagacgcg      300
cggttatgtg aagaacgtgc tggcttatga cgcttactac cgctatttca tgggggataa      360
accgacgttg atgagcgcca cggaatgggg acgtcggttac tgatccgcac gtttatgata      420
tgctatcgta ctcttttagc agtacaaccg ggggaggcat tttgcttccc ccgctaacaa      480
tggcgacata ttatggccca acaatcaccg tattcagcag cgatggcaga acagcgtcac      540
caggagtggg tacgttttgt cgacctgctt aagaatgcct accaaaac          588

```

```

<210> 5518
<211> 365
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (2)...(184)
<223> similar to gil773175 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 5518
cgaaaatgcc ggcatcgccg cccgctttac gttgggaccg gaagcgggtg tggacaaagt    60
acgccatgct tttattagcg agaagccgaa gatgcgctat ccggtgacgc tggtgacctg    120
ggcggtaatg gtgcttaagc gcctgctgcc ggggcgcgtg atggacaaaa tattgcaggg    180
gtgagttgaa gcgcgcgctt aagcccccat gtcaaagaaa atatcgacaa catgagagcg    240
actccatgtc cgtagaaaaat attgtcaaca ttaacgaatc taacctgcaa caggttcttg    300
aacagtcgat gaccactccg gtgctgttct attttttgtc tgaacggaac cagcacttgt    360
tgccg                                           365

```

```

<210> 5519
<211> 578
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(579)
<223> n = a,t,c or g

<220>
<221> misc_feature
<222> (578)...(399)
<223> similar to gi42034 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 5519
tgggggttcag caaccacatg tacctgatag ctatgacggg cattcagggc atcaagtacc    60
acctgattga catcggcaaa cgtcagttgg ataccgcgct ctgccagcag tttaccgata    120
aagccacgac cgatattacc tgcgccaaaa tgtaatgctt tcatagtatt aaccttcac    180
aatgttttta cccgagaggg ctgggggtgag gcttttccct caccctaaacc ctctccgtga    240
ggagagggggc agcgccggat gcggcgtaag cgccttatcc ggcctacaag aacgtgcaaa    300
ttcaacaaat tgtgatgcat cctgtaggcc tgataagcgt agcgcatcag gcaattaacc    360
ccaccttctc catgtggaga ggggtgggatt ggattactta cgacctgcca gcagttccag    420
cacttcaccc acgctgggtg tgtgtgccag acgctcgatg acggactcat catccagtgc    480
attggtcagg ctggtgataa cctgaatgtg ctcgttggtta cgggcagcaa taccaatcac    540
cagacgggca atgtcatctt cttcttcncc gtagccca                                           578

```

```

<210> 5520
<211> 370
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (3)...(325)
<223> similar to gil789518 in the genepept database release 114,

```

Run with FASTXY 3.3t00, default parameters

<400> 5520
atatgcccct tgcccatcaa gtgattgagg agcatatcac ggtcaatcca tcatcaccgg 60
cattccgtca tggcaagtcg ttaggctctg ggaaaaataa agactggtca cgggtaaaat 120
ttggtgctgg tcgttatcgt ctcttctttc gttatagtga aaaagagaaa gtcatcattc 180
tgggatggat gaacgatgaa aacactctgc gcacctacgg taacaaaaaca gatgcctata 240
ccgtattcag caaaatgtta aaaagaggac atcctcctgc cgactgggaa accctcaccc 300
gagaaacaga agaaacccat tgatggtggt cacaatgcc gccgaacgca ttcgtgttga 360
ccagcgggca 370

<210> 5521
<211> 384
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (2)...(329)
<223> similar to gil45453 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 5521
tatcactgtg atgaactctg ccggaggcaa agcatttgac ctgttcggcg aactgaccgg 60
tatcgagta ctgctgacta tgctgccgta tttctactct tgcgttgacc tgattcgttt 120
tgaaggcggt aacatccgca actttgtcag cctgatctgc tctgtactgg gttgctgtt 180
ctgcttcac gcgctgatgg gcgcaagctc cttcgagctg gcaggtaacct tcatcgtcag 240
cctgattatc ctgatgttct acgctcgcaa aatgcacgag cgccagagcc actcaatgga 300
taaccacacc gcgtctaacg cacattaatt aaaagtattt tccgaggctc ctcctttcat 360
tttgcccat gtgttgaggag gggg 384

<210> 5522
<211> 511
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (2)...(171)
<223> similar to gil800067 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

<400> 5522
actgttgccc attatgcagt tgccagtggc agatattaac gccagaccg ccattatgca      60
tgacggcaaa gcctcagaag gcgatattca gggacacgtt gatggttgga tcaaagccca    120
ccagcagcag ttcgatggct gggatgaatga ggcgctggca ggcagaaagt aatttttatt    180
cgggcggata aggcgttttt gccgcatccg ccgttctgtg cacaatgcct gatgcgacgc    240
tggcgcgtct tatcatgcct acaaaccaca tcgcacattt caacaatcta tctttcatcc    300
catattcatc aacatccgct attattgatt tccagcttaa tcatcacctg atgaacaaaa    360
ataatgacta aacctaataca tgagcttagc ccggcgctga tcgtgctgat gtctatcgcc    420
accggtctgg cggtagccag taactattac gccagccat tgctcgacac catcgcgcgt    480
aacttttccc tttccgccag ttcggcaggt g

```

```

<210> 5523
<211> 412
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (2)...(261)
<223> similar to gil651330 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 5523
cagcagtacc gataatccgc cagtgattgt tgaagtgtct ggtattggtc agtacaccgt      60
ggtggttgag aaagatcgcc tggagcgttt accaccagag caggtggtgg cggaagtgtc    120
cagccgtttc aaggccaacc cgaaaacggt ctttctgata ggtggcgcaa aagatgtgcc    180
ttacgatgaa ataattaaag cactgaactt gttacatagt gcgggtgtga aatcggttgg    240
tttaatgacg cagcctatct aaacatctgc gtttcccttg cttgaaagag agcgggtaac    300
aggcgaacag tttttgaaa ccgagagtgt caaaggcaac cgaacaaaac gacaagctca    360
agcgggcgat aattatttca gcagtgctgc atgtcatctt atttgcggcg ct            412

```

```

<210> 5524
<211> 773
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (22)...(720)
<223> similar to gil742424 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 5524
catcactgtt cgtcgtctgta catcgtttcag aatgcgaaaa ccctgctgat acccacctta      60
atcgtcttgc ttcacatgat ggacgtgatc cgccatcatc aaccaataag tcgtcgggaa      120
gccagagcta aagcgattga cctgctggaa gagatgcaaa tcccggatgc cgtggaagtt      180
atgtcgcgct atccgtttga gctttcaggt ggtatgcgcc agcgggtaat gattgcgctg      240
gcattctcct gcgagccgca attgattatt gccgacgaac cgactacggc gctggacgtc      300
acggtgcagt tgcaggtact gcgtttgctt aaacataaaag cccgcgccag tggaaactgcg      360
gttctgttca tcagccatga tatgaccgtg gtgtcgcaac tgtgcgatac cgtatacgtg      420
atgtatgccg gcagcgtaat tgaaagcggc gtgacggcag acgttatcca tcatccccgg      480
catccgtata ccattggttt gctgcaatgc gcaccagaac atggagtccc acgccagcta      540
ttacccgccca ttccagggac ggtaccaaac ctcaccatt tgcttgacgg ttgcgctttt      600
cgcgatcggt gctatgcggc aggtgcacag tgtgaaaacg tcccggcgct gacagcgtgt      660
ggtgacaaca accagcgctg tgcctgttgg tatccgcagc aggaggttat aagtgtgtga      720
cacgttatta acgttacgag acgtccctat ccctttcccg gcccgtaaaa act          773

```

```

<210> 5525
<211> 423
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (426)...(66)
<223> similar to gi4062426 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 5525
cccatcatta cgaattcaat gtccgtaccc gtagatcgca cagagtggga aagccttggt      60
ttatcccttc ctgagaatgt tcgatctgca tatcttttaa aaagataacc atcagcgaca      120
gccacaaaat tccgttgaca aggttgaaga gattaaacag tccgttgccc ccgttcagcc      180
aggcatgttt gctgatttca ataccaacgg taaagatcag catttgacgc attcccatcg      240
cggcagaaac cgtaccttta ctcatatcgc tggcaaacag ggtaaatcgc accagtcccg      300
cattcgccag accaataaccg aaagcataaa tacttaaccc ggcagtcac cataaatacg      360
cgtgcgatga gataaccgtt gccgcagcag cgaccaatag accaatcata atcggccagc      420
cgc                                          423

```

```

<210> 5526
<211> 648
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (627)...(45)
<223> similar to gi504496 in the genepept database release 114,

```

Run with FASTXY 3.3t00, default parameters

<400> 5526
acggcaaaagg gaagagaaaag ttgcccgcacat gggcggggtaa ctaccttaca gcccccgcca 60
tccatgccga taactcccgt agctcttttt cctgttccgg gaagtcaacc aacagcgctt 120
cgactcctg ttgcagcata tctgcgcggt acaggcagcc ttgcagtcgt ccggcgaggg 180
cttcacgcgg cgcgggggtt aggctgtcgg taaacacctg ggcgcgggtg atatggcctt 240
tttcaacgtc gaaatgcagt tccacgccgc cccaggtaaa gcgttcatcc agcagatgcg 300
agaatgccgg agcctgaccg aagttccatt cccagctact ctggcgggca aaggtttcgg 360
cgaagtttgg caagtctggc gttttgttcg gggagatgat ttccgcttcc acgcgctcgc 420
cataatgggc gaaaaaggcc tcggttatgg cctcgcaaac ctgctcatgg gtgatccccg 480
gcaacagctc ggtgagggtt gtcacgcggg aacgtaccga cgtaatgcct ttcgccgcca 540
gtttcttttt atccggattg agatagtttt ccaggccaag gagattaact tggataacca 600
cagggttttg gcagtcacca cgatgtacag gtacggacat agaattcg 648

<210> 5527
<211> 417
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(418)
<223> n = a,t,c or g

<220>
<221> misc_feature
<222> (6)...(300)
<223> similar to gil788533 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 5527
tggcagacca ggaaaactgt ctcaactttc aggggctgcg ctgcgatggt tgttatcgcg 60
aatgcccga aattgatgag gccatcacc cggagctgga gcgcaacacg cgtaccggta 120
agcacgccg ctttctgccc acggttcaca gcgacgcctg taccggttgc ggtaagtgcg 180
aaaaagtatg cgtgctggaa caaccggcaa tcaagggtgt accgctgtca ctggcgaaaag 240
gggagttagg tcaccattac cgcttcggct ggctggaggg gaacaatggc aaatcgtaaa 300
cgtgacgccg ggcgcgaggg gctggagaaa aaaggctggt ggcgcagtca ccgttggctg 360
gtgttacgtc gcctttgtca gttcttcgtg ctgnggatgt ttttgagcgg tccatgg 417

<210> 5528
<211> 380
<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (377)...(198)

<223> similar to gi457174 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 5528

atggtaccgc	attattacca	tgtacgaaga	ccagcagcct	gataactggc	gcgtacaggc	60
gatactgtat	gcatgagtgt	catctacagc	aaatgaacaa	tgccggatgc	ggcgcgagcg	120
ccttgtccgg	cctacaattt	tcacatat	catttagtta	atcgaaacca	gcgtcgcatc	180
agtcgtatac	gcttacacac	acactcccc	cgtcgcccgc	agcaataaat	cattctggat	240
ctgctctgac	aaccgtacgc	cgccgcgcgt	atctaacatc	acctgacacc	acgcctgcgc	300
cattggcgga	gaagcatatt	tcaacatttg	cgcaccgcag	cccagcagga	atagctgatg	360
agtaatctct	cgctccactt					380

<210> 5529

<211> 595

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (21)...(472)

<223> similar to gi1773101 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 5529

ccgcttcgac	gattttcgta	gttgccgatg	ctaaagatgc	ggactacttg	atcaaacgctc	60
atttccgtct	atcgccgcgt	attttacagg	ggcaggcact	gcgcgatctg	gcaaattcag	120
ccatcgatct	ctctgacgg	ttgatttccg	atctcgggca	tatcgtgaaa	gccagcgact	180
gcggcgca	gcgtacgtg	gcattgctgc	cgttttctga	tgcgctttct	cgccatgttg	240
aaccggaaca	ggcgctgcgc	tgggcgctct	ctggcggtga	agattacgag	ttgtgtttca	300
ctgtgccgga	actgaaccgt	ggcgcgctgg	atgtggctct	cggacacctg	ggcgtaaccgt	360
ttacctgtat	cgggcaaatg	accgccgata	togaagggct	ttgttttatt	cgtgacggcg	420
aacctgttac	attagactgg	aaaggatatg	accattttgc	cacgccataa	agatgtcgcg	480
aaaagtgcgc	tgaagatgag	taatccgtgg	catctacttg	ctgtcggtatt	cggaagtgga	540
ttaagcccga	tcgttcctgg	gacgatgggc	tcgcacgata	tcgtcgaccc	gggaa	595

<210> 5530

<211> 646

<212> DNA

001210" 52283460

<213> Homo sapiens

<220>

<221> misc_feature

<222> (649)...(351)

<223> similar to gi4062774 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 5530

caaaaaaatc	atccatccgg	ctggtcagca	actgtagttg	ttaatgtgac	agagccattg	60
cccatgatag	tgtccattaa	aaggatggac	actatttccc	cggaacctca	actcgccgca	120
caggcgttct	acatagatcg	cttccgtttc	attgttgact	agaactggac	atcagataaa	180
tcgcgcttta	cccttgatgg	agcctgtaca	taggtgggtg	gtaattgcct	gcttgggata	240
tgttcatttc	accatcaaat	gaaggttaaa	ttatggacga	caaacaattg	caggctcagg	300
ctgcgttcag	caaagcatcg	caaccggcga	tagatgcttc	attaaattta	agattcagct	360
tcctcttcag	ccaccggtac	gccaatcttc	aacacttcat	tatcttcttt	ctcgccacc	420
gtccagatca	tcccggcaaa	ctctacctgg	tcaccgacaa	ccggtgccgc	gcctaacaac	480
tgctggacaa	tttcaaccag	cgtttgctgc	ttatcacgat	attctcgccc	gtcttcagg	540
ccatatatca	gcgcaacatc	agcatatttg	gcgctggctt	cgagaatgaa	gtcaccaaag	600
aagcgttgat	ccagcgcgac	cggcggcgac	tggctgaaca	gtttac		646

<210> 5531

<211> 586

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (10)...(569)

<223> similar to gi41625 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 5531

aacgacaggt	tctctgactt	aacgccagaa	acgctggtta	cgcgcaataa	agcgcagcta	60
aaagcgttct	gggagaaaca	cagcgacatc	attcttaagc	cgctggacgg	tatgggcggc	120
gcgtcgattt	tccgcgtgaa	agaaggcgat	ccaaacctcg	gcgtgattgc	cgaaacctg	180
actgagcatg	gcactcgcta	ctgcatggcg	caaaattacc	tgccagccat	taaagatggc	240
gacaaacgcg	tgctggtggt	ggatggcgag	ccggtaccgt	actgcctggc	gcgtattccg	300
cagggggggc	aaaccggtgg	caatctggct	gccggtggtc	gcggtgaacc	tcgtccgctg	360
acggaaagtg	actggaaaat	cgcccgtcag	atcggggccga	cgctgaaaga	aaaagggctg	420
atttttgttg	gtctggatat	catcggcgac	cgtctgactg	aaattaacgt	caccagccca	480
acctgtattc	gtgagattga	agcagagttt	ccggtgtcga	tcaccggaat	gttaatggat	540
gccatcgaag	cacgtttaca	gcagcagtaa	cccaccttag	cgagaa		586

<210> 5532
 <211> 808
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (1)...(734)
 <223> similar to gi581095 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 5532
 catgttatcg gagacctgcc aacgtatggt tatcgtcggg tatgggcggt gcttcgcagc 60
 cagccagaac ttgatggtat gcctgcgac aatgccaaac gtgtttaccg gatcatgcgc 120
 cagaatgcgc tgttgcttga gcgaaaacct gctgtaccgc catcgaaacg ggacataca 180
 ggcagagtgg ccgtgaaaga aagcaatcag cgatggtgct ctgacgggtt cgagttctgc 240
 tgtgataacg gagagagact gcgtgtcacg ttcgcgctgg actgctgtga tcgtgaggca 300
 ctgcactggg cggtcactac cggcggcttc aacagtgaac cagtacagga cgtcatgctg 360
 ggagcgggtg aacgcgcgtt cggcaacgat ctccgctcgt ctccagtggg gtggctgacg 420
 gataatgggt catgctaccg ggctaataaa acacgccagt tcgcccggtt gttgggactt 480
 gaaccgaaga acacggcggg gcggagtcgg gagagtaacg gaatagcaga gagcttcgtg 540
 aaaacgataa agcgtgacta catcagatc atgccaaaac cagacgggtt aacggcagca 600
 aagaaccttg cagagggcgt cgagcattat aacgaatggc atccgcatag tgcgctgggt 660
 tatcgctcgc caggggaata tctgcggcag cgggcttgta atgggttaag tgataacaga 720
 tgtctggaaa tataggggca aatccaataa acaattggaa tttacttcca ttgatctggt 780
 tactcagtgg ttgtcacgtt ttcgagga 808

<210> 5533
 <211> 384
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (385)...(238)
 <223> similar to gil736484 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 5533
 gagatggaaa aactaacagc tgacattggt gcctggcggc ggccctcaca aactccagat 60
 gatgagctac ctgttcgggt agtgagggtt tacgaggctc atattgcgct gctgcaactt 120
 tccagaacga cataatgact tccttttcaa aatgactgca aattatgagt gcggtttaga 180
 aaatactcat aatttagcag gcgttatgta agaaagtgtg actctgtata agttttatgt 240
 aagtttgggc tcgtaaggta aacgtgacag attgaccgaa gccaaacggt gggcaataag 300
 ccgctcgcga aaccagctgc gcaaatgttc aggctgttca cgttcaaccg cttcagcgat 360
 caccggcata ttgtagcggt cttt 384

<210> 5534
 <211> 1542
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (40)...(523)
 <223> similar to gi665970 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 5534

tttcgtgtgg	actggggccg	gataatggcg	ggcgctgcag	aagatgcgcg	agctcttttc	60
cgggctgggg	tctgcgcggc	cctggaggcc	tggccggcct	tcagatcgc	tgtggagaat	120
ggcttcgggg	gtgtgcacag	ccaggagaag	gccaagtggc	tggggggtgc	agtggaggat	180
tacttcatgc	gcaatgctga	cttggagcta	gatgaggtgg	aagacttcct	tggagagctg	240
ttgaccaacg	agtttgatac	agttgtggaa	gacgggagtc	tgccccaggt	gagccagcaa	300
ctgcagacca	tgttccacca	cttcagagg	ggtgatgggg	ctgctctgag	ggagatggcc	360
tcctgcatca	ctcagagaaa	atgcaaggtc	acagccactg	cacttaagac	agctagagag	420
actgatgagg	atgaagatga	tgtggacagt	gtggaagaga	tggaggtcac	agctacgaat	480
gatggggctg	ctacagatgg	ggtctgcccc	cagcctgaac	cctctgatcc	agacgctcag	540
actattaagg	aagaggatat	agtggaagat	ggctggacca	ttgtccggag	aaaaaatga	600
gtggggatga	ttggaaatgg	ctttggggcc	ttatttgctg	ttctaagagt	tgtctgtagg	660
ggtttttttt	tttgaggatt	gaagacctgt	gggacttgg	taccccatct	ccaccctctc	720
ccctgttcct	ctgtctggct	ccctccagg	caaggaaaac	ctagggtcct	tggctctggg	780
ggtgggggga	ccttttccag	catattcccc	tgggccttta	gttaacatcc	gagtgacgaa	840
gccgggttcc	ccagtacagt	gtcttttggg	tgcggtcatt	gtgaggaagg	ggatgagtga	900
gtgtgggtgt	ggctggagga	ggagctagat	gccggtggac	agtgggcagg	tggatttggg	960
gaggagagga	tcagcagcag	cagcagtact	cagtgatagg	gggctggctg	ggtcaggaat	1020
ggtgagatga	acatgcaagt	ggaagagaga	atagttgaaa	atgtgaatga	aagtagctct	1080
ggagcctctc	ccttacccca	ccccacacac	acgcaacagc	tctgtacccc	tgcccagaac	1140
ttggaacctc	ccaggaatgc	tgccttcctt	cagcccagcc	tccagtcctg	ggttccctca	1200
ggaattcgaa	gaccttggct	aggtgggtgag	cttgggaagag	ctgggctttg	ttttctgtct	1260
cctctaacct	ctttcccttac	tccttatccc	atcccatattg	agttcagggg	tgaggcttaa	1320
gatcttaata	aataatacct	tactgcttaa	tctgtggctt	gacctgtgag	tagtagcctt	1380
agaatcagcc	ttctgggagc	tcagcttcag	agtttacaag	ggagcagttt	ctgggcccac	1440
cctagcagcc	tgggtacttt	ggacaaccaa	acagatgaac	gaacggagca	cagcagtgct	1500
atgaaagtta	ctgtaagcct	gaaaataaac	tggtatTTTT	ct		1542

<210> 5535
 <211> 1072
 <212> DNA
 <213> Homo sapiens

<220>

```

<221> misc_feature
<222> (1)...(1073)
<223> n = a,t,c or g

<220>
<221> misc_feature
<222> (142)...(359)
<223> similar to gi3878319 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 5535
ggtggaattc ctgcgtacta cggcttcttc cagtcacctc ggcccggatc gggaagtgtc      60
aagcgggagc tccccatct cgcgcgtat taccactgaa cccggacccc ctaccaggt      120
ccagggccag ccgccatgac gaacgtgtac tccttggatg ggattctggt gtttggtttg      180
ctctttgttt gcacctgtgc ctacttcaag aaagtacctc gtctcaaaac ctggctgcta      240
tcagagaaga aggggtgtttg ggggtgtgtt tacaaagccg ctgtgattgg aaccaggctg      300
catgctgctg tggcaattgc ttgtgttgta atggcctttt acgtcctgtt tataaaatga      360
attccaaagc acccaagtca tcaactgcca accaagggga cggggatgaa gaacctgttg      420
gagacctgaa cccagtgtag gagagtctag ctgaaatcat cgggtcccag gatgacacca      480
cagcatctgc ccctgctata tgtggggaaa actcatggtc acgaacatta tttatgcttc      540
aggggactac agaaagccag ctccctttga tctatgtgta aatcagtcct tggcagagtg      600
catataatgt ccggataaat tacaccctc ggtgataaga ttacatacct cttcataaaa      660
aacctgtcat cctgttttgt tcttcagctc ctcatcagga tcttttcaaa ctgaggctca      720
ttagggaagg aactaggctg tgttcagact tcttttgaag agagagaatt ttcaagactt      780
cttttcactc tttgatttgg atctggcaaa ttggggaggg gatgctgggt gggaaacagt      840
tatgaaaatg ccaaagaaaa ttctttggct ttagaaaatt ttatcctttc atggtaaccc      900
atccggggaa ccttaaaaga gagggcatag tgcttcattg gcaaaaagag gaacagatga      960
agtagctgtg tttatgtggc tgggtatctt tgagagtttt tgcccaagga aantctgggg     1020
cctacataaa tttggggatt tttccgtgtg gtggggaccc ggaaggcgtg gc              1072

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<210> 5536
<211> 989
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (876)...(526)
<223> similar to gi577311 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 5536
tttttttttt tatctttctg ttctctgttc attgaacatt ggtttttaag gttccaaacc      60
tactaaatga aaagtggaat gaatggtact tgtagcttgg atttaactca attttgaata      120
ttgtcaatct agtacaattt cttaaattta gcttaagata tctgcaaagc caacaatggt      180
tctaagacaa gatgagggtta cgggcttcaa tcaataagaa aaataaaaaa gcaattaatt      240
tattatttgg aaccaccag gtcattatgc attaatTTTT aaatactgca acttcatgtt      300

```



```

<400> 5538
ctcttttatt cccttttcga cgatttcgcg ggacatgaca gctttaaccc atgactcaaa    60
gtctcaggga ataatacaca gtgttgaaat gcctctcttg cctaccaggt ctcaagtttg    120
acatgaaata catgaacttc cgtgtgaagg cctgtcacaa ggcagttgca ggagagttct    180
ctgagccggt gactctggag acaccaggtg actggaatcc cagcactttg ggaggccgag    240
gcgggtggat cacttgaggt caggagtcca agaccagcct ggccaacatg gagaaaccct    300
gtctctacta aaaatataaa aaattagccg ggccatggtg gctcacgact gtaatcccag    360
ctactcagga ggctgaggca ggagaatcgc ttgaaccagg gagtcggagg ttgcagttag    420
ccaagatcgt gccactgcac tccagcctgg gtgacaagag caagactctg tctctaaaaa    480
aaaaaaagtc tccccctgc caaacatgga acccctttgt ggccatgccc ccaaaaattgt    540
ccaacatgtg gttgggcagc cctgcaggaa gccccctgcc ccctgaacca ggcacagaat    600
cccgaccccc tctcctttcc gtcttggtca gggcccagcg caccgggat cgacctggct    660
gagtccttgg tggcagataa ctgtgtgacc ctggtgtggc gcatgccgga tgaggacagc    720
aagattgacc actacgtgct ggagtaccgg cggaccaact tcgaggggccc gccccgcctc    780
aaggaggacc agccctggat ggatcatcgag ggcacccggc agacagagta caccctgaca    840
ggtctcaagt ttgacatgaa atacatgaac ttccgtgtga aggcctgtaa caaggcagtt    900
gcaggagagt tctctgagcc ggtgactctg gagacaccag cgttcatggt ccgcctggat    960
gcgtccacat cccaccagaa cctgcgggtg gatgatctct ccgtggagtg ggacgctatg   1020
ggcgggaagg tgcaggatat caaggctcgc gagaaagatg gcaaggggcg gacggcgtct   1080
cccatcaact cccagccag aggtactcca tctccaaga ggatgccctc aggtcgtggg   1140
ggacgggacc gcttcaccgc tgagtcttac acagttcttg gggacacgct gatcgacggc   1200
ggggagcatt actgggaggt gcgctacgag ccggacagca aggcgttcgg cgtgggcgtg   1260
gcctaccgca gcctgggccc ctctgagcaa ctgggcaaga cggccgcctc ctggtgcctg   1320
cacgtcaaca attggctgca ggtcagcttc acggccaagc acgccaacaa ggtcaagggtg   1380
ctggacgccc ccgtgcccga ctgcctgggt gtgcactgtg acttccacca aggcctcctg   1440
tccttctaca atgcccgcac caaacaagtg ctgcacactt tcaagaccag gttcacacag   1500
ccgctgctgc ctgctttcac ggtatggtgt ggcagcttcc aggtgacgac aggcctgcag   1560
gtccccagtg ctgtgcgctg cctgcaaaaag cgaggcagtg ctaccagcag ctccaacacc   1620
agcctcacct aggccccccag gcacccaccc agctgggggtg tttttggggg agtcgccgcc   1680
aagcccaggc tgctggagcc aggcaccctc ctctgtcact tgctgcttg agccttaact   1740
ccagatgggg gggtcaccaa gagggagtgg gcaccctggc gggccctctc cccacctcac   1800
ctcttaataa aggtcagaca ctgggc                                     1825

```

```

<210> 5539
<211> 2802
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1256)...(2063)
<223> similar to gil903458 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 5539
gcggccgcgg gcgggaggtg cttcccaagg accgtagatg cctctctaga gcatgagctc    60
aggcaagagt gcccgctaca accgcttctc cggggggccc agcaatcttc ccacccaga    120
cgtcaccaca gggaccagaa tggaaacgac cttcggaccc gcctttttcag ccgtcaccac    180
catcacaaaa gctgacggga ccagcaccta caagcagcac tgcaggacac cctcctctc    240
cagcaccctt gcctactccc cgcgggacga ggaggacagc atgcccccca tcagcactcc    300

```

ccgccgctcc	gactccgcc	tctctgtccg	ctcccttgca	ctcagagtcc	agcatgtctc	360
tgcgctccac	attctcactg	cccaggagg	aggaggagcc	ggagccactg	gtgtttgcgg	420
agcagccctc	ggtgaagctg	tgctgacagc	tctgctgcag	cgtcttcaaa	gaccccgatga	480
tcaccacgtg	tgggcacacg	ttctgtatga	gatgcgcctt	gaagtcatag	aagggcgccg	540
tggacaacgt	caaaactgacc	gcggaggtga	acaacatcac	ggtggccgag	cagatcgggg	600
agctcttcat	ccactgccgg	catggctgcc	gggtagcggg	cagcgggaag	cccccatct	660
ttgaggtgga	cccccgagg	tgcccttca	ccatcaagct	cagcggcccg	aaggaccacg	720
agggcagctg	tgactacagg	cctgtgcggt	gtcccaacaa	ccccagctgc	ccccgctgc	780
tcaggatgaa	cctggaggcc	cacctcaagg	agtgcgagca	catcaaatgc	ccccactcca	840
agtacgggtg	cacgttcac	gggaaccagg	acacttacga	gacccacctg	gagacttgcc	900
gcttcgagg	cctgaaggag	tttctgcagc	agacggatga	ccgcttcac	gagatgcacg	960
tggctctggc	ccagaaggac	caggagatcg	ccttcctgcg	ctccatgctg	ggaaagctct	1020
cggagaagat	cgaccagcta	gagaagagcc	tggagctcaa	gtttgacgtc	ctgggacgaa	1080
aaccagagca	agctcagcga	cggacctcat	ggagttccgg	cgggacgcat	ccatgttaaa	1140
tgacgagctg	tcccacatca	acgcgcggct	gaacatgggc	atcctaggct	cctacgacct	1200
tcagcagatc	ttcaagtgca	aagggacctt	tgtggggccac	cagggccctg	tgtggtgtct	1260
ctgcgtctac	tccatgggtg	acctgctctt	cagtggctcc	tctgacaaga	ccatcaaggt	1320
gtgggacaca	tgtaccacct	acaagtgtca	gaagacactg	gagggccatg	atggcatcgt	1380
gctggctctc	tgcattccagg	ggtgcaaact	ctacagcggc	tctgcagact	gcaccatcat	1440
tgtgtgggac	atccagaacc	tgcagaagg	gaacaccatc	cgggcccacg	acaacccggt	1500
gtgcacgctg	gtctcctcac	acaacgtgct	cttcagcggc	tccctgaagg	ccatcaaggt	1560
ctgggacatc	gtgggcactg	agctgaagtt	gaagaaggag	ctcacaggcc	tcaaccactg	1620
ggtgcggggc	ctggtggctg	cccagagcta	cctgtacagc	ggctcctacc	agacaatcaa	1680
gatctgggac	atccgaaccc	ttgactgcat	ccacgtcctg	cagacgtctg	gtggcagcgt	1740
ctactccatt	gctgtgacaa	atcaccacat	tgtctgtggc	acctacgaga	acctcatcca	1800
cgtgtgggac	attgagtcca	aggagcaggt	gcggaccctc	acgggccacg	tgggcaccgt	1860
gtatgccctg	gcggtcatct	cgacgccaga	ccagaccaa	gtcttcagtg	catcctacga	1920
ccggtccctc	agggtctgga	gtatggacaa	catgatctgc	acgcagaccc	tgtgcgtca	1980
ccagggcagt	gtcaccgcgc	tggctgtgtc	ccggggccga	ctcttctcag	gggctgtgga	2040
tagcactgtg	aaggtttgga	cttgctaaca	ggatccaggc	caggctgtgg	tttccctga	2100
accagccctg	gacctttctg	agccaggctg	gccacatggg	gtggtctcgg	ggtttctgcc	2160
tgccccgtgg	gcataggtgg	acaggctctg	gcagccgggg	agtgccctcc	ccgtcccatg	2220
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ggtacgacgc	ttgccccggc	ccaccctcca	tccccaccct	ccatccccac	cctagatgga	2340
gcgagggcct	ttttactcac	cttttctacc	gttttttagac	tgtatgtaga	tttggttacc	2400
tcttggttga	aataaatgct	ccacagactg	tggctgtgag	tggggacagc	tcctcgggac	2460
aagggggctg	tgtgtggcct	tgaggttgg	gtgcacaggc	actggctgct	gtgagtgggg	2520
gggcatgggg	cagtttcctt	tgggtggacc	caggacttcg	gcccactccg	gggcctcccc	2580
tccctgctag	gaggcaactc	gacacaccca	agctgctggc	ctccagtccc	atctccccca	2640
acacattgtg	ccccaaaaaa	gtgagccagg	cacctctgtt	tctgctgtt	tattgacagc	2700
cgacggagac	gccttgccca	gacctccctt	gcccacctgc	tggagcccag	cctgtgccgc	2760
cctctgagga	gaggcctggg	gggacagctg	ggcacgtcca	ct		2802

<210> 5540

<211> 1833

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (27)...(1059)

<223> similar to gi5706505 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

<400> 5540
gcggccgccc cctcgcccggt cacgcacggc gtttacagac tctcctgcgg caggcgggtgg 60
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tgtctctgct tatagaccat gttttagta ggaggcagtt cccatgttat acgcagcaga 180
tacttacgga gcattgtaat gaagtgtggt tctgtaaatt ctctaataat ggactaaac 240
tagcaacagg atcaaaagat acaacagtta tcatatggca agttgatccg gatacacacc 300
tgctaaaact gcttaaaaca ttagaaggac atgcttatgg cgtttcttat attgcatgga 360
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ggaatgtaca aacaggagaa ctaaggacaa aaatgagcca gtctcatgaa gacagtttga 480
caagtgtggc ttggaatcca gatgggaagc gctttgtgac tggagggtcag cgtgggcagt 540
tctatcagtg tgacttagat ggtaatctcc ttgactcctg ggaaggggta agagtgcaat 600
gcctttggtg cttgagtgat ggaaagactg ttctggcatc agatacacac cagcgaattc 660
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tgtcttttac tatttcaaaa aatggccgat tagctttgtt aaatgtagca actcagggag 780
ttcatttatg ggacttgcaa gacagagttt tagtaagaaa gtatcaaggt gttacacaag 840
ggttttatatac aattcattca tgttttgag gccataatga agacttcatc gctagtggca 900
gtgaagatca caaggtttac atctggcaca aacgtagtga actgccaatt gcggagctga 960
cagggcacac acgtacagta aactgtgtga gctggaaccc acagattcca tccatgatgg 1020
ccagcgcctc agatgatggc actgttagaa tatggggacc agcacctttt atagaccacc 1080
agaatattga agaggaatgc agtagcatgg atagttgatg gtgaatttgg agcagacgac 1140
ttctgtttaa cttaaaatta gtcgtatttt aatggcttgg gatttgggtg aaacaaacat 1200
gattgatagc tggacagaca tgctcgtcat gaaaaaagaa ccatctctga agcccgattg 1260
gggcaaaca tttacacctt gcttcatagt aaccagttga gatgaagcac gtcgttagaa 1320
cgttgttggg caccatgttg aattattccc ccatcggttg tgaagaactg tgctacattc 1380
aggcttacc attgaactca gtatatatat ttttttcctt cctgtctttt gtctggcagg 1440
ataccattct tgttgctctt ctgtgtaatg aagtttaaat gcttgtttgg aaaactttat 1500
ttaacagttt agaaggcttg atagaaagag tgcattagtc tgaagagtat acattggata 1560
ggaaagaatt tccttctttt gtttctccaa atctttccgc cttatttagc ttgagatctt 1620
tgcagcttgg ttcattggatt ctagccttgc ccgttgcgca gtatatactg atccagatga 1680
taaaccagtg aactatgtca aaagcactct caaatattac attttggaca aaaagttttg 1740
tacttttcac atagcttgtt gccccgtaaa aaggggtaac agcacaattt tttaaaaata 1800
aattaagaag tatttatag attaaaaaaa aaa 1833

```

```

<210> 5541
<211> 1251
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1194)...(366)
<223> similar to gill177358 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

```

<400> 5541
tttttaagag gttcatgaca caaatatatt tatattaggt gaatcaatca cccaggatac 60

```

```

ccaagatctg atactttcac aaactgcttg gaggcaactt aagtatggaa gaagcttcag 120
aaccagccca gctttctgct ctctggctcc aggtctgcac ctttttaact atttaatgtg 180
gcgtggaaaa tgtcagcata atgaggcttt ctcatctcaa tagagaacct aggaaggaca 240
aggccgaatt aaaaaaaaaa tcttcattaa agaatttaat agggagttga ttatgttgta 300
gaatcatatc gtcctattct gtgacacatt agaaacataa actttagggc tttttcatct 360
ccacagcata gaggtctgat cgcttctgtc taaaaacggg gatttgctgg cgtatttcag 420
ccagcttctt cagggtctatg tctgaataca cgattgcttc ttctgtgcca gctttggcta 480
gaacctcccc ccaagggttc accacggtgc tgtgtcccca ggcaacatag gaggctttgt 540
catcccgggc aggagaggct gtggccacat acacctgatt atcaacagcc cggcttcgct 600
gaagtaactc ccaatgggct ggtccagtgg tcagattaaa agctcctgga tataccaaca 660
gctggcagcc tctctgtgcg tagatttgtg caagctctgc aaaccgcatg tcgtagcaga 720
tgcccagacc cactctgcag taaggagtat caaatgtgga gaaactatca cccggactca 780
atgtttttaga ttcttgaaat gtaatttttc caggaacatc aatgtcaaac agatggatct 840
ttctatactt tgctagttaa gtcccatcag gcccaaacac agcacagggtg ttatataatt 900
tcccagcatc ctcttcagggt atagagcctc caatgagata tatgctgcat tcctttgcta 960
cttcagaaag cttctgtgtg gattcaccag gaattttctc tgcatattca ggaaaatatt 1020
tcgctccata tggagaatta aagcattccg gcaaagaaac tattttggct ccttgcggtg 1080
ctgcctcccg gatgaagcta caagcgcgag tgacgttatc tgatttgatg gaagaaatct 1140
gaagctggat gagggccaag cggaaagagg tcatgactct gcagacaagc accacctgcg 1200
gcgcggaatg agcgttgag atccggcgga ccgcgcgctc gctacacgaa a 1251

```

```

<210> 5542
<211> 1553
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1324)...(641)
<223> similar to gi3878106 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 5542
tttttttttt ttaagtttga agccttgccc aagctttaat gtcattgctaa ccagttacct 60
tgtagagctt gggaagccac cttttgctca aaatgcagac ttctgccttt gaaaacacac 120
cacacctgat ttaagtgtt taaaggacag aaaatgtcgt tgctttaaat tgttgctttg 180
ttcagagaca tctggatttg ctgtatccat acaagcaaaa gcttttccaa ttccagaatc 240
aaccacactc aatttggtat tgcctcgtac tgtattggcc cagctgtaat caactcagca 300
ggcttttggg tgtaaattca agtggaaatt gagttggtct tatttggtgc cgttgatata 360
tgagggtctg gaggaagatg gccagtaggt caaagggaat agtggtgaaa agctgaccag 420
tactgggcag gtggccggct gtccctcagg caccacaacg ccgagccacg gtaaggggca 480
tgagccacat ttgcagaata tagccagagt ccttcagaaa cctcctgatt cgcgccagga 540
ggcatcccag ggcacacaag tgtcaagggt ctactcagg gcttggcaga gctctctgtg 600
tgttattaac agaagaggct acggcttaga gtggaaagga gcatgtgatg gctagcgggtg 660
ggcagcctgt gtactctgcc aagtttgggt ggtccagggt cccacgattt ctgtgtggag 720
ggttggtccg catctggcca ctaggggggc cgggtggttct cacacacacg cagcggggct 780
ccttagcacc tggcttatac agcttcctgg ggacgccaat ccagtctctg ctcacacctc 840
cactcttctg ggagcaccag agccggctgc ccctggctga gctccactcc gcgttgacag 900
gcgggaatgt ctgcttctct tgcagctgta gtttgttggc ctccaagcct ctggtgatcg 960
cagcttctac ctgggtcagt gccggggtgg gcagcccatc ctctccgtag aaccgtcctg 1020

```


tacacatttta	aagggcagat	ttttttaaaa	agatactact	ataataaaca	tttccagttg	660
gtcatttctaa	gcattttaccc	ttttgatact	ctagctagtc	aggtactcca	aattgacttt	720
gcagcagggg	ggcaggggtca	ggagagtctg	gtcctgccta	gctcagattt	catggcacct	780
gccacttgaa	gcaagtcact	tctttatcac	aggtgtcttg	aaacattagc	ttcttttacc	840
aacctgagaa	aattaggatg	acctggcaaa	taagatcttg	aataggccaa	aagcaagtat	900
cttgctgtgt	gtagtctctt	ggttaaagtg	aagaaacagt	actgttcaca	cctttcttca	960
ctgagattcc	agtgtacatg	agaacatata	tttattgcat	gattttctag	atacacagtc	1020
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gccataaatg	accaagatcc	aagcaatctg	aatttgttt	tgtgattatt	tgactggaat	1140
gcttcttaag	tggaataact	atactccgtt	atccaccgga	tttcctaata	taattgaaag	1200
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atattgccat	cgggtattga	gacaggagga	agtttctgtt	tttctccatt	tagacatagg	1620
tcaattaaaa	tatttggtt	taaaatgact	aatgcttta	aacataattgt	agcttaagat	1680
atatgtgtta	agatatatac	atgagaaact	ttaaaaggta	actactgtgc	atgcctgatg	1740
cttaatagaa	tacttagtgg	catcaaattgt	ttgcagcagt	ctccataatt	atattcagtc	1800
ccttctaata	ctgtatcaat	gtaaatagaa	taaatatatt	caaattggct	ttttgatatg	1860
catcaagtgg	cattttgttc	ctgtgtttaa	tagtgatctg	tatacagctg	tgacacatt	1920
gtcatcactt	attctagcat	cactgttaag	gctgtgatta	tgtttgatat	tcacctggat	1980
tttaatacaa	gccaatatca	gcttcccatt	gtgtaataac	ttgggtgttt	aggagtcttt	2040
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<210> 5546
 <211> 3018
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (3019)...(1219)
 <223> similar to gi5817280 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 5546						
aagctcacag	caaagagaag	ggtcctgaaa	gcaagttgcc	agttgcccc	ttcacagttg	60
aatacaaggg	tgtaaggcac	gaatttcttg	tggtccacc	ccatccttcc	agtgtgctg	120
tgggccctta	gtctgagcca	ctccatatta	atttatatcc	cttgctgtgc	atatgttacg	180
gaatggaatt	ttccacgtgg	acatgtttag	gcaatcccc	cttgcaagt	tcccttatct	240
gcacaaagca	tctcatgctg	tggagccagt	ggcaggttct	ccgggaccct	tcccttactg	300
tctgcctaaa	gcaaactggc	taaattcttt	cacaagtttt	tctttttctt	ttttttcttt	360
ttctttcttt	ttttttttcc	aatttgcat	agaaagcttt	tattgagacc	aggttaacca	420
gtggcctgaa	aatattacag	gctgaaggaa	ggctgaggaa	accagtatga	aggcagctca	480
aatgatgaac	taaatatatt	ccaaaggtag	tatttatact	taaggcagtt	ttaaaagtga	540
ggtcttaacc	aaaaagcctt	tacatggcat	tcaaaacaaa	aacaaaaaca	aaaaaaacac	600
gggggggggg	ggggcactta	aatctcttgg	attgactaaa	agagctaaat	tatgtacca	660
aaatctgtac	agcagggggc	tgttttcagc	aggaaagcct	atgtacaagt	aagaacctct	720

tactcttgta	acattgtcct	gttttgTTTT	gtcttataag	aatatataac	tcctatcctc	780
acagagttag	tccataaggc	ctcagtgacc	tcacagaaat	atggagttaa	cctctactac	840
agaactatTT	acactgcact	gtaaatacac	atatgtgtgt	ccaccctcac	agctaagctg	900
tcaatgcctt	gagtgaaggg	gttacagctc	attcgTTTTg	catctacagt	gacaatgaat	960
aggcactcaa	tacatactTT	TTTTtgcatg	aatgataaat	gaaatgattt	tacattacca	1020
ccactatTTa	cattaacatt	cctaccatta	gccgtctcca	aaataaaaaac	acaaaattgc	1080
tgccacatgt	tcagcagttt	tcacaataca	gtgtgtctgg	actTTTTaat	gtaaacaaac	1140
atgcttgatt	taccaatTTT	cagagcaagg	acacaaactt	agcattcttc	taggaatgga	1200
aaacttgcca	ggaagttact	tcattctTTT	TTTTTTTTtc	aaaagtgcac	ctcgtagtgc	1260
caactgTTTT	tctcggaagg	aacgcttatt	TTTTgaccgg	acattctggc	tataccgcat	1320
catcataaa	ttcttctggt	TTTTcttctc	TTtatttgTc	gaactggaaa	atggatttgt	1380
TTtggtTTTc	ttcctcacia	attctTTTTc	gtctgtctTT	ccagccattg	cagttgctag	1440
tcttgTctct	ttgtcagact	ttggctTTTT	atgaaggcgt	tcaatgtccc	gaagagaaag	1500
taattcaccc	ctgggctctt	catcactgtc	tatttcaatg	tatttcctct	tctgggattt	1560
cccgggggc	gcatcaagtt	cttttctcat	ttgggccatg	cggattTTTct	ggaagtcttc	1620
ctgagttaaa	actcggtctg	tgtgatggc	tcgagctTTg	gccttccgct	cctccatggg	1680
catgctgttc	agcttctTgg	agatttctTg	ctgttcttca	tcggaagagt	gttgcacatc	1740
aatccattca	ccatcagcat	cctcctcctc	actgagactg	gtactTTTccc	atccatcttc	1800
atcattTTTca	gcattctctt	ctttctcaac	ttccagaact	tctgctcctg	gaatgtaatc	1860
TTtagcatct	aattctccat	attcttgtac	tcttgcttct	atggaggcct	ctgtaggctt	1920
accccggaat	ttcttctgca	gcatctgagg	attcagtgtt	cggagagagg	gaatcaaagt	1980
tctagcagac	atcattacat	tcttatcctt	gtgtgtTTTa	tactgagcca	ggtcttgagg	2040
aagttcttca	gtcatggcca	gaggacatcg	agctgttatc	tcctttatag	cattgattcc	2100
tactgtcatg	acttctccag	agttcttgTc	ggtaacaaaa	ttgtttgcca	cagtcataag	2160
caatgattga	ataatctctg	gggggtactag	gtgatgagat	gcttgTgcag	caaacagaag	2220
gatcttggtt	acttctcttt	ggtggggctg	cagaaacctt	tgcaaaaagg	gatagaaatt	2280
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gggatcatga	atcaagtga	tggctgaaaa	gttaaaccacc	tctggTTTTt	tcttcttctc	2460
gtgTTTcttg	agcactTTTca	ttgcctTTTc	caactTTTtc	ttgTTTTtg	aactTTTctt	2520
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cttgTgTTTT	gcatttata	tcttgataat	agtcacaata	tgtgtgtata	aagtctTTcg	2880
cagaagTTTa	tcatggcaac	gaaaaagTtc	aaagaagagt	tctagcaggc	ttgatggatt	2940
gatgagattc	ttatttctca	gcaagatcaa	agctTTTgcaa	aatgtcattc	gcagatctgg	3000
atccgatacg	gtatgatt					3018

<210> 5547

<211> 1428

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1427)...(998)

<223> similar to gi4186185 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 5547

atttctgcta	cagtcacatgca	ttctttaaca	tcttggttat	tagcaaaaat	cagcttttca	60
ccaaggaaga	aataccttta	ttaggagtc	aggcatgtca	gaaaaaccca	gttcagtcac	120
agaaaaggag	gcaaataattg	gtacagagca	agaatccaag	tgtgaaaata	aaacctccat	180
ctaaatatcc	taacagaaaat	gctgctgaat	ttagcccagg	tgaaacttct	gaaagctcct	240
ggtgaaatga	gatttttgca	taaagagaga	gctctccagc	actgctgcat	ctgagcttct	300
tataaagtga	cgggtcttg	ccagcagtag	aggaagagat	aaaggggatg	tctcatcacc	360
caagcaaggt	cgtctgtgtt	caagtgaag	aagaacctta	gggttttgga	cagagtaaac	420
tggggcagca	gagggaaaat	ggctgaggaa	acacaacgtc	tagggccgtg	tgtggcataa	480
tgtggagggg	tctgtgcagt	ctgggtgtgag	tgcactctca	ggaggtcttg	ggaaacactg	540
gcattccttc	ctgaggccat	tttggttctg	ttctgacttc	attcagagca	gaactgccaa	600
tgtccagcgc	caagtcctgg	atcataatta	gctgagtga	atgcagtagc	cacctatga	660
ctccataacc	tcttcctttc	tggagcagtc	acttttctca	gaccaagtga	gatcttacct	720
agtaggggcc	caatctagaa	atcactccca	ccttcatatg	agcaccaggt	ggagagaatc	780
attctcatga	ctcaaagctt	tagatctcga	tcctcagatg	atgttccttg	gacagaagat	840
cagtctgaag	ttatctgtgt	caagagtagc	tggcactgcc	catgggtaat	gggccaagc	900
gatgtgatgc	cgcagctctc	ccaaagaaga	gctctctctg	ctttcacagg	caggagagga	960
ggaaatgagg	caggcttcaa	ggtagtcaat	gccacttaat	tcttccatcg	aatttgcgag	1020
ctgctgagaa	gagcatcaat	cttctcctcc	tctgctgac	ctttatctac	cttactcctg	1080
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cacttgaact	tagtggctaa	gttcaacttc	gtgtccacat	ctccaccag	attgacatac	1200
tcctgtaata	tctgcacagg	ggcattgttc	ttgtgcaaaa	tttcgacaac	ccgatggaag	1260
ccaatgggtg	ctctcttctt	ggtatagccc	agccagttct	ttgtggtgaa	tagggcatct	1320
acatcattcc	aggctcgaag	cttggcacga	gcagccaggg	ctgtcagcac	atactgttta	1380
tctgggatct	taaatgtctt	cttcagggtg	acgggactgc	tgaatgcc		1428

<210> 5548

<211> 397

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (2)...(285)

<223> similar to gil408209 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 5548

atgggcacat	caaacattac	aacgaatgtt	gaaaagacaa	aaagggggta	taggaggcca	60
actaccacct	caatcaaaac	tacatttagc	cttatttact	ttaaaatttt	tgactcctgg	120
tacggatggt	aagactccag	cagaaagaca	ttggcaagtg	ttagaggaaa	agaggaaagt	180
ttatctgaaa	gtgttacgga	aatccccaga	agaaggacaa	tggaaaggcc	cgggtgattt	240
actgacatgg	ggaagagggg	atgcttgtgt	gtttacagga	gattgacaag	ccatgtgggt	300
gccctcaagg	tgcttgcaac	cctggaatgg	gagactggag	aaacatgggg	tggccaacca	360
tgggccagct	ccctccggta	tgagccatga	gtcagct			397

<210> 5549
 <211> 1255
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (9)...(331)
 <223> similar to gi4240255 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 5549
 ggcaggcgac catccgggtg aagtgtctga ccgctcagca gcagtcaggc gagcgtctct 60
 cagctttcgt gttgcggctg gaagtgtctg tgcagaaggc catggagaag gagggccctgg 120
 ccagagcatc cgccgaccgc gtgcgcctga ggcagatgct caccagggcc caccttactg 180
 agcctctgga tgaagcactg aggaagctga gaatggccgg gaggtctcca agtttcttgg 240
 agatgctggg gctcgttcgg gagtctgagg catgggaggc cagtctagcc aggagcgtga 300
 gagcccagac acaggaaggg gccggtgccc gggctggtgc ccaggctgtt gccagagcca 360
 gcaactaaagt agaggcggtc ccaggagggtc ctggtcggga gccagagggc ctctccagg 420
 caggaggcca ggaggctgag gagctcctcc aggaggggct caagcccgtc ctggaggaat 480
 gtgataacta ggttggggct ggggaggcag ccagcgcga gtcctccccg ggcaaatagg 540
 ctccgagggc cccggggcct cctctcctcc tctcaggcag caggggccctg gagacaggcg 600
 gaggcggggc cagggccggg ccctcacccc acatcgggat cggggccccc cacttcccc 660
 caaggggccc tgcccaccac caccttcccg gtgaccaga tgaccacatt taataccaaa 720
 tgggggtggg ggaggcgccc ctccagtgc aggggcacgt gctgtgagct tcctgggagc 780
 ccagggtgtg ctactgctc tcccgatcg tgagcaccac ctctgcttcc cctgcgtaga 840
 tctaggccag gggctgcttg tttttgtgga gccgtgtgtg ttcttctctg agcagctcct 900
 ccccagagga cccagcgcga gtcccgggag atggcggaaa gaaggcacca gggcacagt 960
 gacactcatc ccgtgacagc gatggtgacc atgactgttg gagaaagaac aggacccggg 1020
 atggagtggg gctgtctgag tttccccagt gaactttgtg ctttggcggt ccacccctgt 1080
 tgttacttgt tactgagttt cctagacctg ggggtgggtg tccccagga ggaggggggt 1140
 cccgacctgt gtcctgtggt ggccatttgc agcttctgtg ttgtgattcc cttctcttca 1200
 acggtttcaa gtacatatct ctcaataaat ttcatcagc gttccaaaaa aaaaa 1255

<210> 5550
 <211> 2009
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (46)...(1614)
 <223> similar to gil293680 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 5550

```

cgggatcaat ttgatttgac agtcggtata actgatcctg agaagatggc gtcgggtggt      60
ggtggctgta gcgcttcgga gagactgcct ccgcccttcc ccggcctgga gccggagtcc      120
gagggggcg cggggggatc agaaccgag gctggggaca gcgacaccga gggggaggac      180
attttcaccg gcgccgcggt ggtcagtaaa catcagtctc caaagataac tacatccctt      240
cttcccatca acaatggctc caaagaaaat gggatccatg aagaacaaga ccaagagcca      300
caggatctct ttgcagatgc cacagtggag ctatccttgg acagcacaca aaataatcag      360
aagaaggtgc tagccaaaac actcatttct cttcctcctc aggaagccac aaattcttcg      420
aagccccagc caacctatga ggagctagag gaagaagaac aggaggatca atttgatttg      480
acagtcggta taactgatcc tgagaagata ggggatggta tgaatgcata tgtagcctac      540
aaagttacaa cacagacaag cttaccattg ttcagaagca aacagtttgc agtaaaaaaga      600
agatttagtg actttctggg tctttatgag aagctttccg agaagcactc tcagaatggc      660
ttcattgtcc ctccgcccc ccgagaagagc ctcataggga tgacaaaagt gaaagttggg      720
aaggaagatt cttcttctgc agaatttctt gaaaaacgga gggccgcttt agaaaggtac      780
cttcagagga ttgtaaatca tcctaccatg ttacaggacc ctgacgtcag agagtctctg      840
gaaaaagaag agctgccacg tgccgtgggt acccagacat tgagtgggtg tggctcctc      900
aagatgttca acaaagccac agatgccgtc agcaaatga ccatcaagat gaatgaatca      960
gacatttggg ttgaggagaa gctccaggag gtagagtgtg aggagcagcg cttacggaaa     1020
ctgcatgctg ttgtagaaac tctagtcaac cataggaaag agctagcgtc gaacacagcc     1080
cagtttgcaa agagtctagc catgcttggg agctctgagg acaacacggc attgtcacgg     1140
gcactctccc agctggctga ggtggaagaa aaaattgagc agctccacca ggaacaggcc     1200
aacaatgact tcttctcct tgctgagctc ctgagtgact acattcgctt cctggccata     1260
gtccgcgctg ccttcgacca gcgcatgaag acatggcagc gctggcagga tgcccaagcc     1320
acactgcaga agaagcggga ggccgagggt cggctgctgt gggccaacaa gcctgataag     1380
ctgcagcagg ccaaggacga gatcctcgag tgggagtctc gggtgactca atatgaaagg     1440
gacttcgaga ggatttcaac agtggtccga aaagaagtga tacgggttga gaaagagaaa     1500
tccaaggact tcaagaacca cgtgatcaag taccttgaga cactccttta ctacagcag     1560
cagctggcaa agtactggga agccttcctt cctgaggcaa aggccatctc ctaatggacc     1620
aaggacccca gagcccacct gtgtgacgct gcctttttat acactgtcct cctccacctt     1680
gatggacccc tagtgatgca tcctgcctag gctggactta accccttctt ccctgtcccc     1740
acgaccaact gtccccagtt actctaaccg ttatttcatt tagcttccat atatatattt     1800
ttacctaaaga gaatagtttc ctgctttaag caaagacct acaataggtg gtggaattat     1860
gggatggggg ggagtattga tataaatata taaatacaaa tgtatatattt tcaggatgtg     1920
gttttaggaac tgggaataac gttttctgtt actcctgatg gtgccatgaa aaggttatgt     1980
aataaaatat tttaaaatca aaaaaaaaaa                                     2009

```

```

<210> 5551
<211> 812
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (3)...(599)
<223> similar to gi4680697 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 5551
ctggaggagg aattagcttg aagcatggcg atgaaatcta cattgctcct tcaggagtgc      60
aaaaggaacg aattcagcct gaagacatgt ttgtttgtga tataaatgaa aaggacataa     120
gtggaccttc gccatcgaag aagctaaaaa aaagccagtg tactcctctt ttcatgaatg     180

```

cttacacaat	gagaggagca	ggtgcagtga	ttcataccca	ctctaaagct	gctgtgatgg	240
ccacccttct	ctttccagga	cgggagttta	aaattacaca	tcaagagatg	ataaaaaggaa	300
taaagaaatg	tacttccgga	gggtattata	gatatgatga	tatgttagtg	gtaccatta	360
ttgagaatac	acctgaggag	aaagacctca	aagatagaat	ggctcatgca	atgaatgaat	420
accagactc	ctgtgcagta	ctggtcagac	gtcatggagt	atatgtgtgg	ggggaaacat	480
gggagaaggc	caaaaccatg	tgtgagtgtt	atgactat	atgtgatatt	gccgtatcaa	540
tgaagaaagt	aggacttgat	ccttcacagc	tcccagttgg	agaaaatgga	attgtctaag	600
ccaaaagaaa	gtctaattat	atacagagat	aaagctaaac	gtaattatta	tttaaatgaa	660
agctat	ttaaataaat	tgaaat	catgatgcta	ctaatttgcc	actaaatact	720
gcaaatggtc	accctgaatc	tcttctgaca	ttggatgtta	tttgcttata	ttcttataat	780
tttaaatgag	ggcacagtga	aatgaaaatt	tt			812

<210> 5552

<211> 2403

<212> DNA

<213> Homo sapiens

<220>

<221> misc feature

<222> (2392)...(1576)

<223> similar to gi2114473 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 5552

tttttttttt	ttcacccgggc	taggtctgct	ttttattggc	cacgcatcca	gccgccagcc	60
tcagggcaca	cacctggcag	ggggcaggct	cgggtaggct	gccctcgctg	ggtgggcagt	120
gagggggcag	cggctgctgg	gtgtcacct	gcagccctc	aggtggacct	gtattgtccc	180
cagggcctgc	ccacgctggg	cagctggcac	tgggaggggt	tttctgttga	tgtgatggcc	240
aagtttcagc	tgcagggcag	aggcctggca	gtggcagcaa	aggcagaccg	ccccaaactc	300
caacttcagg	ggctggacat	gctggaacgg	gggccagacc	ccatgggagg	ggaccttggc	360
ctgccatggc	actgcctgcc	agcttacccc	tgcccagggc	ccccaaactca	gccacctcca	420
agcagtaaaag	acttgcaaag	cattgcattt	tgattaaacc	ttgctgggct	gaagggcagg	480
cagagctgtg	gtggacactg	gcaggacgca	gcaccccccg	actggccctt	ggcaggctgc	540
accgggcgca	tgcgggtgtg	ggccagggtt	gccttttagga	agcagggtggg	aggctggcac	600
gtgcaggcgg	tccaggaggg	caccaggcct	ggcagggcac	tgggtgcctgt	cgggttccca	660
gccacaacac	cccaagaagg	ctccaggagg	gccccggctg	ggtaaggcac	ggagttttgg	720
tttccggggc	ccagtcccag	cctggccccc	agaagagcct	ctcttggcag	aatggcagca	780
tgtcctgtgg	cctgggctct	ctcacttggc	cttgggcctg	ggcctgaggc	cttactggat	840
cacacacagt	ttctttgttt	tattatcatc	agaatcaggg	ggaacctctt	cctggctcct	900
ggagggacgc	ttcttccctt	gcttcccggg	ccccttttag	gcccggcccc	gggccttggg	960
gagtgtgccc	gaccccgagg	agtcgggtcac	cgcatectcg	gagaaggact	tgtccaggga	1020
tgtgtccagt	gcggactctg	gggccgtgtc	ctcctcgtec	tcgtcctcat	ccccacctgg	1080
gcctgctgca	gggggtctgg	caccacggct	gtggacagcg	tcctccagcc	cctcacttgt	1140
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tgaacttccg	gctgcagggg	gctggttgc	ggagaacttg	aggggcttca	gggcctgagc	1260
atctcccaga	gtcacccggc	aggccccctc	caagggtctg	gggcaactgg	gatcctcagt	1320
ggttaggaca	tcgtggcat	ccacatacca	ggaagaacgc	ctctccaggg	gccggggacc	1380
accctcctcc	aactgctcca	gggtgggctg	agggccgggg	gtcacggcgt	ctacaaggtc	1440
ccagccccgg	gactcgctgg	ctgttgtagc	atcaaggccg	ggctcagagg	cgggacagcg	1500
cgtgctgccc	acggggtctc	ctgcagggtt	actggtggcc	acaggctctg	tggctcttgg	1560


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gggatccatg gaggctgcct tgctgcccc gtcggtgtcc ccgcggcccc gggtgttctt 1620
ccgcagctgg aagcccttcc tgatgtcagc cagcagggca tcgatgacac acacctcctc 1680
ctgcttcccc ggcccccttcc tgacaggctt cccgtcctct ccccgaggcc gccgcgcctc 1740
ctcctccgcc agctgctgct tcctcctctc tgcttccgcc gcctgctcct tccggtcctt 1800
gttctccttc agggcgcgga ggaaaaggct ccggaagacc tcatggtgc tgaacgtgtc 1860
ctccagggac agctgctggg cgtcctcaca caggtagtcg gccagctccc gttgcttctg 1920
ctcgatggcc tcaaacagct cgtccagtgc ccggaaggcc gagatgctgg cctggaggcg 1980
ctcgggtgac tgctcctgga cctcggccac ggaggcagac accttccgct cgggtctccag 2040
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ttgcgagggc tgttccaggc cccggggcag ctgcaggagg tcggggtggc tcttttccgc 2160
ttcctccagc acgtggtgca gcagcgtcac gcggttctgc tgggacttgg tctccgtgag 2220
cttcagcaat gtgctgatct tgaagccgtc ggcgtcaccg gtgtggctgc cgtagttag 2280
gaagtcccca attctcagga tcagctggca gaagatgggc agctggcggc tggtagcag 2340
cctttcgcag gcagccagca ccagctgggc cttgggcccgc accatgtcca gcacggcggc 2400
cgc 2403

```

```

<210> 5553
<211> 949
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (946)...(898)
<223> similar to gi3157938 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 5553
gatcacagcc cctacccacg tgctcttcca gtacatcgcc cccaaccagc cccggaagcc 60
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tactgcttc ctggagggtt aggagacccc ggacacctgg gacctgtgtt cctgagcccg 180
tcctgacatc tgtgttcttc ctgtcagctc cagccccggg cccctggacc acggggtcca 240
cctctcctct gtccggacca tttattgggg actttttgct cagcactgta ggaggaaaga 300
aggaaggagg gatggaagcc tcttcctctg cttctcctgt ccctagaacc gtaaagccca 360
gacgtcctgc tccccactgg gaccctcaat gataacaggg tcagtactg actctgaggc 420
agcaaggaca gaggagaggc ggaccccggt gtccaggggc ccgggcgtgg agctgacagg 480
aagaacacag atgtcaggac gggctcagga acacagggtc cagggtgtccg ggggtctcctg 540
aactccagga agcagtgaca ccccgagggg ctgctgtggg tgggttctta gcttacagca 600
ggctggccag gcagcccagg cttccggggc tgggtggggc cgatgtactg gagaggcacg 660
tggttagggg ctgtgatccg atcagtgcgg aggtaggact ggagggcagg gggcacgagc 720
actgagccgt cttctgctg gttactctcc aggaagcgca tgagaaggcg ggggacagca 780
caggcggtgg cgttcaccgt gtgggcaaac tgcagctccc cagcctcggc ctggaacatg 840
atgtggaggc ggcggctctg gaagtctgtg cagttggaag cactggtgac ctctccaaag 900
cggcctcggc ctggcatcca ggcctcaatg tcaaacttgc gctcgtgcc 949

```

<210> 5554

0946-7827

[illegible]

0946-7827

0946-7827

0946-7827

0946-7827

```

aaagattgtc aattctttcc tgataaagta caaacagaaa aagcatccat aatgtttatg 720
caaagtattg attctgttgt tgaattttgt aacgaaaaaa cccataatca agaagctcca 780
agcctacaaa acataaagtg caattttaga agtacatggg aggtgattag caattctgag 840
gatttttaaaa acaccatacc catggtgaca ccacctctc cacctgtctt ctcatgtctg 900
aagatccgtc aaagaattgt gtgcttagtt cttgataagt ctggaagcat ggggggtaag 960
gaccgcctaa atcgaatgaa tcaagcagca aaacatttcc tgctgcagac tgttgaaaat 1020
ggatcctggg tggggatggt tcactttgat agtactgcca ctattgtaaa taagctaatac 1080
caaataaaaa gcagtgatga aagaaacaca ctcatggcag gattacctac atatcctctg 1140
ggaggaactt ccactctgctc tggaaattaaa tatgcatttc aggtgattgg agagctacat 1200
tcccaactcg atggatccga agtactgctg ctgactgatg gggaggataa cactgcaagt 1260
tcttgatttg atgaagtga acaaagtggg gccattgttc attttattgc tttgggaaga 1320
gctgctgatg aagcagtaat agagatgagc aagataacag gaggaagtca tttttatggt 1380
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aataaggacg taaacagttt ccccagccca atgattgttt acgcagaaat tctacaagga 1860
tatgtacctg ttcttgagc caatgtgact gctttcattg aatcacagaa tggacataca 1920
gaagtttttg aacttttgga taatggtgca ggcgctgatt ctttcaagaa tgatggagtc 1980
tactccaggt attttacagc atatacagaa aatggcagat atagcttaaa agttcgggct 2040
catggaggag caaacactgc caggctaaaa ttacggcctc cactgaatag agccgcgtac 2100
ataccaggct gggtagtgaa cggggaaatt gaagcaaacc cgccaagacc tgaaattgat 2160
gaggatactc agaccacctt ggaggatttc agccgaacag catccggagg tgcattttgtg 2220
gtatcacaag tcccaagcct tcccttgctt gaccaatacc caccaagtca aatcacagac 2280
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tttgatgttg gaaaagttca acgttatatc ataagaataa gtgcaagtat tcttgatcta 2400
agagacagtt ttgatgatgc tcttcaagta aatactactg atctgtcacc aaaggaggcc 2460
aactccaagg aaagctttgc atttaaacca gaaaatatct cagaagaaaa tgcaaccac 2520
atattttatt ccattaaaag tatagataaa agcaatttga catcaaaagt atccaacatt 2580
gcacaagtaa ctttgtttat ccttcaagca aatcctgatg acattgatcc tacacctact 2640
cctactccta ctctactcc tgataaaaagt cataattctg gagttaatat ttctacgctg 2700
gtattgtctg tgattgggtc tgttgtaatt gttaacttta ttttaagtac caccatttga 2760
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aaaaataatt ttaagatgtc ggaaaaggat actttgatta aataaaaaaca ctcatggata 2940
tgtaaaaact gtcaagatta aaatttaata gtttcattta tttgttattt tatttgtaag 3000
aaaatagtga tgaacaaaga tcttttttca tactgatacc tggttgtata ttatttgatg 3060
caacagtttt ctgaaatgat atttcaaatt gcatcaagaa attaaaatca tctatctgag 3120
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<210> 5556

<211> 6772

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (188)...(4880)

<223> similar to gi3043584 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

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<400> 5556
cagctgccag gtcgagggat gtactcgaac ctataattct tcacagagta ttgggaaaca 60
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aggtcagaaa gctaacaact taaatacacc aaataatgga aagtttgttt attttttgcc 180
atcaccggtg aacagctcaa atccattttt tacatcacag accaaagcca atgggaatcc 240
tgcttgttcg gccagttgc agcatgtctc gccaccatt tttccagctc atttagcaag 300
tgtgtcaact ccattgttgt cctcaatgga aagtgtcata aatccaaata taacttctca 360
ggataaaaaat gaacaagggtg gtatgttatg ttcccaaag gaaaatttac ctagtactgc 420
cttgccagca caaatggaag atctaacc aaacagttctg cctttgaata ttgacagagg 480
ctcagatcct ttccttttct tacctgcaga aagtagttca atagatctct tcccttcacc 540
agcagatagt gggactaatt ctgttttttc ccaactggaa aataatacaa atcattattc 600
ctcacagatt gaaggaaaaca ctaattcctc ctttctaaag gggggtaatg gtgaaaatgc 660
agtttttctc tcacaagtga atgttgcaaa taacttcagt agcaccaatg cccaacagtc 720
tgcacctgaa aaagttaaaa aagaccgtgg gcggggccaa actgggaagg aaagaaaacc 780
taagcacaac aaaagggtcta aatggcctgc aattatcaga gatgggaaat ttatctgtag 840
caggtgttac agggctttta ctaatccag atcactgggt gggcacttat ccaagcgatc 900
ttactgtaaa ccactggatg gagccgaaat tgctcaagaa cttctacaga gtaatggaca 960
gccttctctt cttgccagca tgattctctc cacaaatgca gtaaatgtgc agcagccaca 1020
acaatctacc ttcaatccag aagcatgttt taaagatcca tcatttctac agcttcttgc 1080
tgaaaatcgc tcgccagcat ttttaccaaa tacatttctc cgatctggtg tgactaactt 1140
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cattcccagt acatttgagg gtgccgaaat gctttctcat gtttcaacag gttgtgtctc 1260
tgatgcatca caagtaaatg caacggtgat gccaaatcca actgtaccac ccctgttgca 1320
cactgtatgc catccaaaca ccttgctgac caaccagaat aggacgtcaa actccaaaac 1380
ttcctccatt gaggaatgta gcagcttgcc tgtttttcca acgaatgact tactactgaa 1440
gactgttgaa aatggtttgt gctctagttc atttccaaat tctggtgggc catcacaaaa 1500
ttttaccagt aacagttctc gtgtttctgt tataagtggc cctcagaaca caagatccag 1560
tcattttaa ataaaaaggaa acagtgtctc taagagaaga aagaaagttg ctctccact 1620
aattgcacct aacgcttccc aaaacttggt aacaagtgc ttaacaacaa tgggactcat 1680
agcaaagagt gttgaaatcc caactactaa ccttcattca aatgtaattc caacttgtga 1740
acctcagagt ttggtgga aaatctaacaca gaaattaaat aatgttaaca atcagttatt 1800
tatgactgat gtaaaaagaga atttcaaaaac cagtcttgag tccatacag tgtagcccc 1860
tttaacatta aaaactgaaa atggtgattc ccaaatgatg gctttgaatt catgcacaac 1920
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tcttgaaatt attaaaactg ctatgaattc tcaaatactt gaggtaaaaa gtggatctca 2040
gggtgctggt gaaacttcac aaaatgctca aataaattat aacattcagc ttccttcagt 2100
aaacactgtg caaaaataaca aattaccgga ttcttctccg cttttcctcc tttataagtg 2160
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gcagatatca cagttattca gccagtttct gaaatgataa acattcaatt taatgacaaa 2400
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gcactattta agcactatgg taaaattcat caatacactc cagaaatgat tcttgaaatt 2520
aagaagaatc aattgaaatt tgctcccttt aaatgtgtag tacctacatg taaaaaaca 2580
tttacaagaa attctaaccct ccgggcacac tgtcagttgg tgcatcattt tacaactgaa 2640
gaaatggtaa agttaaaaat taaaaggcct tatggaagaa aatctcagag tgaaaatgtg 2700
ccggcctcac gaagtacaca agtgaaaaaa cagctagcta tgacagagga aaataaaaag 2760
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<210> 5557

<211> 2112

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (610)...(1245)

<223> similar to gil80189 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 5557

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cagtcttcca	gaaaatccac	gtcttcccaa	caatccaagt	cttccggata	atttgggtct	180
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tatagcttcc	aaaaaatccg	ggtcttccag	gaaatccgtg	tcttccagca	agtccacgtc	360
ttccaacaaa	gccatgtctt	ccagactatc	catgtcttcc	agaaaaatct	tgtcttccct	420
caaatccatg	tcttccagaa	aatccacgtc	ttccagaaaa	tatatgtctt	ccaactaagc	480
tacgtcttcc	aacaaatcca	tgtcttccta	tatctccagg	tcttccagca	tctccagggc	540
ttccagcatc	tgtctgtctt	ccaacatctc	cacgtcttcc	agcatctctg	tgtcttccag	600
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tctccagtgg	gctgatcttc	tgacattcag	gccttccagt	gtctgcaata	tccaaggttt	2040
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<210> 5558
 <211> 1810
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (1774)...(114)
 <223> similar to gil006659 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400>	5558					
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tcaggcccc	agcgcaggcc	caggggcctgg	agcttctgcc	tcaggtagct	cttgagctgg	180
ggcaggcctc	tctgggactc	cagttcctcg	aagggtagcg	gcaggagctg	gtagcccatc	240
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004307E.0.1100

<210> 5559
 <211> 1193
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (751)...(1100)
 <223> similar to gil619936 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

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 ttccagagct tatatacctt ctaagctata tgtctacctg taagtgtgca ttcacctaaa 300
 gacataagtt actaacttct tttaatctat aactaagggtc tgagtcctga agaccttcct 360
 ttggagcctc agtaaattta cttaatctaa atgggtccag gtgctggagt gattaccctt 420
 atcttgtctt ctgctaaatc actgaagttt gaggagttcc tttagacctt caataaactt 480
 gttttagtag gcctggagag tttcttcaca acccacagta aaacttgttt aatcctgaat 540
 gggtcctggt aagaattcct tcattattct gtcatgcttt aaggcccagg gaaagcctag 600
 gcaaaactct tgataggctt ttgttacatt ccagcctttg tgaaagggca ctggcttttt 660
 tagcttttaa tatttaactt aaccactcag tcagtactga aacagtcgtt atggaggcct 720
 gcattagtga gacctggcct gccacaatcc tgtgttcatg tattgaaaga ctgtattatt 780
 aagatggcag tactacccaa agcagtcctac agattcactg agagccctat caaaattcca 840
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 gccaaactgac tttcaacaaa tgatgctgca ataactgaat gtacacatgc aaaaaaaaaa 1140
 ttgaacctct atgtgatatt gcgatagaaa aaaaacatat ttttgggctt tgg 1193

<210> 5560
 <211> 1260
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (1254)...(1082)
 <223> similar to gi299471 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 5560

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accttgcccc	gttccttgct	ctacactgac	cctggccctgc	cttggccctg	tgctacccta	180
gccctgccct	ggccttctgc	tgaccctgat	cctgccatgg	ccctggccct	gccatgtccc	240
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ctgtgacct	gcccctgggt	tttctctggc	catgacctg	cccgggttct	gtcctatccc	360
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gctccatggt	gtctgtgagt	tgaatgttgt	attcatagta	tctgccaaaa	cagaaagaaa	480
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tcataacctgt	aatcccaaca	ttttgagagg	ccacgttttg	agaatcattt	gagtccagga	900
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tacaaataat	aaaatattaa	ccagggtgtg	tgggtgtcac	ctgggggtacc	agccacctgg	1140
gaggctaagg	tgggagggtt	gctcgaggct	gcagtgaact	gtgaatgcac	cactgcattc	1200
cagcctaggc	catagaacag	gatcttgtct	ataaataaag	aaataagtaa	aaatataaat	1260

<210> 5561

<211> 8514

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (453)...(6673)

<223> similar to gi6002696 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 5561

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cgagatttgc	ctgaagacct	ggataatctc	catttttgtc	atggactggt	aaaacgtttg	180
aagttccaat	tctggtcttg	atttcccagt	taaagatggt	cttcacccga	atgcagtctt	240
tcctgttggt	aaaataagac	aacctcaaac	attgcctggt	tgtctgcttt	tgaatctctt	300
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<210> 5563
 <211> 4827
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (496)...(3592)
 <223> similar to gi4582149 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 5563

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 <211> 2338
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(2339)
 <223> n = a,t,c or g

<220>
 <221> misc_feature

<222> (627)...(2012)
 <223> similar to gi4151084 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

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 <211> 8734
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (91)...(6623)
 <223> similar to gi4530437 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 5565

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<210> 5566

<211> 4871

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (151)...(3045)

<223> similar to gi897827 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

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<210> 5567
<211> 2950
<212> DNA
<213> Homo sapiens
```

```
<220>
<221> misc_feature
<222> (1)...(2951)
<223> n = a,t,c or g
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<220>
<221> misc_feature
<222> (17)...(2780)
<223> similar to gi33989 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters
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<210> 5568
 <211> 1673
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1582)...(144)
 <223> similar to gi5777952 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 5568

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<210> 5569
 <211> 2934
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (2850)...(699)
 <223> similar to gil665773 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 5569

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<210> 5570

<211> 3786
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (385)...(3787)
 <223> similar to gi4324434 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 5570

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<210> 5571

<211> 6143

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (5492)...(2924)

<223> similar to gil944416 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 5571

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<210> 5572

<211> 1098

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (402)...(848)

<223> similar to gil335008 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

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gtattgtgtg	tgtatata					1098

<210> 5573
 <211> 8527
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(8528)
 <223> n = a,t,c or g

<220>
 <221> misc_feature
 <222> (8438)...(432)
 <223> similar to gi29865 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

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<210> 5574
 <211> 940
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (34)...(365)
 <223> similar to gi4680709 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

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ttaaaaccta	aaaagaaaga aaagaaggat ccagcgcgat taaaggaaag agaagttccc 180
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gaacgattac	catgtacaca caaagggaac ctatgcagat gactgcttag tacagagagt 480
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<210> 5575
 <211> 1595
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature

<222> (407)...(687)

<223> similar to gil710216 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 5575

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gagaattatt	gtgcttcttt	ggagatgtta	tgtttccttt	ttcataattc	ttgcatcctt	180
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tatgtagaca	atggataaat	caatggactt	ggttttattc	cagtaaaact	taattttatac	1500
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<210> 5576

<211> 2435

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1450)...(683)

<223> similar to gi5420389 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 5576

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atgtacagct	gtatagttca	aaaaagctat	cctatatgta	tatacaaaag	ttgtttatac	180
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<210> 5577

<211> 1640

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (35)...(1461)

<223> similar to gil82923 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 5577

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<210> 5578

<211> 2020

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (268)...(1419)

<223> similar to gi4220483 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 5578

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ccgactgggc	cccgtgcctc	cccgcctccg	cgtccccccg	ccgcaagacc	gagccgccac	180
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tcagaagctc	aaagagtccg	tgggggaaaa	gaccacaaaa	gagaagccca	accagccagc	300
ccccaggccg	ccccgccagg	gaccaccaa	tgaggcacag	atggcagccg	ctgctgcctt	360
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gcgggacgcc tgcatacaag aggccattct cttgcacttc tccaccgacc cagtggccgc 660
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<210> 5579
<211> 861
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (745)...(191)
<223> similar to gi505096 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

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atgcagtcct gcgcagccgg aggggggatgc gcagggactg cgctgtgggc gccgatggtc 180
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<210> 5580
<211> 6204
<212> DNA
<213> Homo sapiens

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<221> misc_feature
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<223> similar to gi3800881 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

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<211> 5235
<212> DNA
<213> Homo sapiens

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<221> misc_feature
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<223> similar to gi5163089 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

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<210> 5582
 <211> 945
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (828)...(340)
 <223> similar to gi6007807 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 5582	
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<210> 5583
 <211> 4326
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature

<222> (84)...(3919)
 <223> similar to gi5689551 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

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<210> 5584

<211> 6329

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(6330)

<223> n = a,t,c or g

<220>

<221> misc_feature

<222> (124)...(5558)

<223> similar to gil665781 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 5584

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<211> 1991
<212> DNA
<213> Homo sapiens

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<221> misc_feature
<222> (358)...(1133)
<223> similar to gi2911882 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters
```

<400>	5585					
tccgggtttc	tcatattggt	caggctggtc	ttgaactcct	gacctcaggt	gatctgccca	60
cctcggcctc	ccaaagtgtt	gggattacag	gcgtgagcta	ccgcgcccg	cagggttgtt	120
tcttaaaggt	aaataagctc	cctaaatttg	tctgtaaatt	ggaagtaact	ccagtgaana	180
tgccaacagg	aatttttttt	tggcttgaca	aactaaggct	aaaattaata	tagaaatgag	240
catacaataa	taggaacact	atgaaaaaga	agagtaatga	gagggtgggac	caagtctata	300
agatattaaa	gggtaagtct	ctccggcccg	gtttccctcg	gtgtgctact	gtgcgcgcga	360
tccagcacca	tggggaagcg	ggacaatcgg	gtggcctata	tgaacccaat	agcaatggcg	420
agatcaaggg	gtccaatcca	gtcttcaggg	ccaacaatac	aggattatct	gaatcgacca	480
aggcctacct	gggaagaagt	aaaagagcaa	ctagaaaagg	aaaagaaagg	ctccaaggct	540
ttggctgaat	ttgaagaaaa	aatgaatgag	aactggaaga	aagaactgga	aaaacacaga	600
gagaaattgt	taagtggaa	tgagagctca	tccaaaaaaa	gacagagaaa	gaaaaaagaa	660
aagaagaaat	cttggtaggt	attcatcttc	ttctttcatc	aagctctgat	tcttcagca	720
gttcttctga	ttctgaagat	gaggataaga	aacaaggaaa	acggagaaaag	aaaaagaaga	780
accgttcaca	taaatcttct	gaaagctcca	tgtcagaaac	tgaatcagac	agtaaggata	840
gtttaaaaaa	gaaaaagaag	tcaaaagatg	gaactgagaa	agaaaaggat	attaaaggac	900
tcagcaaaaa	gagaaagatg	tattctgaag	ataaaccttt	atcatctgag	tccttgtcag	960
aatcagagta	tattgaggag	gtgcgagcaa	aaaagaagaa	aagcagtga	gaacagaaaa	1020
aagcaacaga	aaaaacaaaa	aagaaaaaga	agcataagaa	acacagttaag	aagaagaaaa	1080
agaaggctgc	tagttcaagt	cctgactcac	cataacatta	agaaaaatca	ggattccctt	1140
ataaagaaag	tgcaatgtct	gaggaaattt	caactgtgaa	aactacaaca	tatttactaa	1200
aatgcatgaa	ttttcttgtt	tttggaatta	ttcctggact	attcagtagc	cactcagatg	1260
ccactgtgtg	aaagggccat	aaatgttgcc	tgtgcttgga	acatctattt	ttttctcttc	1320
cagtgtttga	taactctggg	agataataca	ctgcagtcgt	actagtgggt	aagatatttg	1380
ggaataaaat	taatactttt	gactagaagc	gtctaaggat	aaaccaacag	aaattgaatc	1440
tgataacatc	tttaagatgt	aatcagaaat	gaccagatga	ctctagttag	aatttttgaa	1500
ggagggatta	cattaatatt	tcaaaacctt	tactctgtag	ataagtgtat	tttaattttt	1560
tcccctcgta	tacttttatt	tacctgggga	aggagctttt	agggttgggg	ggtggtttgc	1620
tatctcttta	gctagcagaa	tagtgtgcct	ttgatcctca	cacatcctgt	attatggaca	1680
cagtagccat	gcttcacggg	gaggtcagag	ctggctacca	gcagtcttgc	cctttactga	1740
gcttagtgtc	atcttttgat	gctgtcatat	gctgctttga	gtgaaccaga	gaaacagcca	1800
tttgcagcat	gagaaagccc	caaaagctct	gggatttacc	tccactttag	taataatgaa	1860
tatttttttag	cattagaatg	tgttatgtca	tttgaattaa	ttttgactac	actttggcct	1920
gggagaggaa	ttatttttaa	tagacattgg	tactttttga	acttgatagc	taaagattct	1980
aaaatgcatg	t					1990

<210> 5586

<211> 1029

<212> DNA

<213> Homo sapiens

 $\langle 220 \rangle$

<221> misc feature

 $\langle 222 \rangle \quad (154)^{-} \dots (967)$

<223> similar to gi34203 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

<400> 5586
ggaattcgtg ctgggggggtt gcagaaagct gctcgccagc ttagttcagg caggtgctgt      60
cagcgtccct tgttttggag gagccagcct gagccctacc cccgacgaag cgagtggagg      120
cggcgggttta actgacgttt tctttctgcc cagccgaaag gaaagaaggc caagggaaag      180
aaggtggctc cggccccagc tgtcgtgaag aagcaggagg ctaagaaagt ggtgaatccc      240
ctgtttgaga aaaggcctaa gaattttggc attggacagg acatccagcc caaaagagac      300
ctcaccgcgt ttgtgaaatg gccccgctat atcaggttgc agcggcagag agccatcctc      360
tataagcggc tgaaagtgcc tcctgcgatt aaccagttca cccaggccct ggaccgccaa      420
acagctactc agctgcttaa gctggcccac aagtacagac cagagacaaa gcaagagaag      480
aagcagagac tgttggcccc ggccgagaag aaggctgctg gcaaagggga cgtcccaacg      540
aagagaccac ctgtccttcg agcaggagtt aacaccgtca ccaccttggg ggagaacaag      600
aaagctcagc tgggtggatg tgcacacgac gtggatccca tcgagctggg tgtcttcttg      660
cctggccctg tgtcgtaaaa tgggggggtcc ccttacttgc attatcaagg gaaaagggca      720
agactgggga cgtctagtcc acaggaagac ctgcaccact ggtcgccttt cacacaggtg      780
aaactcggaa gacaaaaggc gcttttgctt aagctgggtg aagctatcag gaccaattac      840
aatgacagat acagatacga tgagatccac tgtcactggg gcagcaacgt cctgggtcct      900
aagtccgtgg ctcgatatgc caagctcgaa aaggcaaagg ctaaagaact tgccactaaa      960
ctgggttaaa tgtacactgt tgagttttct gtacataaaa ataattgaaa taatacaaat     1020
tttccttca                                     1029

```

```

<210> 5587
<211> 341
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (15)...(123)
<223> similar to gi28547 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 5587
ggcacgagcc caccatggcg ctgtgtcctg ccgacaagac caacgtcgta ggccgactgg      60
ggtaaggtag ttgcgcacgc tggcgaggat ggtgcggagg ccctggacag gatgttactg      120
ctcttcccca acaccaggac ctacttcccg cacttcgacc tgagtcacgg ctctgcccag      180
ggtaagggtc acggatggaa tgagggcgac gcgctgacca acgccgtgtt gcacgaggac      240
tacgtgcccc acgcgctgta cgacctgagc gacctgcact cgcacatgc ttcaggagga      300
ccaggacatc ttcaagcgac tactgcactg actgctggcg a                                     341

```

```

<210> 5588
<211> 1911
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature

```


<222> (1609)...(641)
 <223> similar to gi5225320 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 5588

cttttttttt	ttgttagttg	tttttgtttt	taatttgtct	ccaataagca	atgtcttctg	60
ccccatccag	catgggaagt	gggtcccacg	tgaagggggc	cccaccaccc	cactttggga	120
agctgaaggc	tagaagcttc	gggagccccc	cccggctcaa	gactccccc	tacgctgggt	180
tgtgggttat	attcagaggc	ccgacaccca	cactggggta	ggtaggtat	tgggtttact	240
taggccacag	gccccccggg	ggcagggaga	cagagtgggg	ggcccgaagc	tcctgtctc	300
tggaagaagt	taaaaagttc	ttggggtagg	ccctggggcc	cgtggggggc	agttatgaga	360
tgaagggagg	ttactcctta	agcccaggag	tggttaagag	acagtggggc	tggtagagat	420
gcctgtttta	agccttggcc	tctaggaggt	gttagagatt	tgctgggggt	ggggggccag	480
ggttgctggg	acccccagtt	tttggggaag	ggagctgtaa	gagattgggg	gatgttctga	540
gctccccaga	caagaactgc	tggttaagag	ggggccaggc	ccggttgggg	ctcagctgtc	600
cctgaggagc	tcggcatccc	gcctgggaga	tgcagctgtc	actggggttt	ctccctctct	660
gttgctcctg	cctcgctcct	ggcaggtggc	ggggacttct	tgggggaagc	tgaagtgtct	720
gggttgggga	cccccgcccc	cgactgggca	tctatgtctg	cgtgcctcct	tgcgacaag	780
gtcctccagc	tccttcttcc	atccaaggag	ctcagcaagg	gccaggcagc	cctggctcga	840
ttcaccacag	caggccacgt	ccctgcaagg	aggtacccat	gaccaggagg	aggtccacct	900
tcaggaagtc	tgactgcata	caggagaaga	aacgcgctgg	gaggctctca	ccaaaaaaga	960
cgattatcag	gcttcaccag	gctctgacag	tcttcacact	tgggcgtcac	ctcagagaag	1020
atcttctctt	tcattccagc	tagcgggtat	tcgtgccggc	agctggcgct	gacgcagtgt	1080
gatgtgtaga	aggtgccgtg	cgctccaac	aaagtcctcc	tggtccagcc	cggtattctg	1140
ctccagggta	tctatgttcc	tgcgtgtagc	agcgcaggag	tagccccctg	tccttcagca	1200
ggcgcatgaa	gtagtgacag	atggttggct	tgaactgcc	caggatagag	ttccttggcg	1260
agggcgaaga	agggttccgg	atgtttcttg	aaatagctga	atctcaaaag	atggcctctg	1320
ggtaggggaa	agatgggtcac	ttctctaggt	tgttcaataa	gaggccggtg	gatggagaag	1380
cgaaaagtcg	gggatgcctg	cggatgtgga	gattccagct	cccaccaaac	agatgactct	1440
gcgacagcgt	tcgctctgca	tgtaccgggc	caccccttcc	aaggtcagct	cgtccagcag	1500
acgtccttcc	tggctgcccc	ggctgagcgt	ctgggagaat	aagttccgca	ggaagtccat	1560
gtctgcttct	ccaccagcgg	ctcctccctc	agagtctgaa	tctgagtcct	ggaaggggtg	1620
gggtggagtg	gccaggcccg	agaggtggga	ttagggaggg	aggagagggg	gtgataccag	1680
gtttggggaa	aaggctgtgg	cagggaaggtg	gcctgaggaa	gtgcgggggtg	gtggagagac	1740
tgcactgggg	ctagctccag	ggctctggga	caggctgccg	gggttggagt	cctggccatg	1800
cccgctccca	ggagcaagac	ctcatgtgag	tggctttgct	ttgcttttct	tttttgagac	1860
agtgtctcgc	tctgttgccc	aggctggagt	gcactgggtgc	agtcacagct	t	1911

<210> 5589

<211> 1612

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(1613)

<223> n = a,t,c or g

<220>

<221> misc_feature

<222> (109)...(1060)
 <223> similar to gi4929649 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 5589

```
aggaggcggg cgggcgcggt tctttccgga aggattgaat ctcttttagc cccgcccgcc      60
tccgtagctg cctgaagtag tgcagggtca gcccgcaagt tgcagggtcat ggcgctggct     120
gctcgactgt ggcgccttct gcctttccga cgtggagccg ccccggggtc tcgtctccct     180
gcgggggactt cgggcagccg cgggcattgc ggcccctgtc gattccgcgg cttcgaggta     240
atgggaaacc caggaacttt caacagaggc cttttactct cagctttgtc gtatttgggt     300
tttgaaactt accagggttat ctctcaggct gctgtggttc atgccacagc caaagttgaa     360
gaaatacttg aacaagcaga ctacctgtat gaaagcggag aaacagaaaa actttatcag     420
ttgctaacc c aatacaagga aagtgaagat gcagagttac tgtggcgttt ggccacgggca     480
tcacgtgatg tagctcagct tagcagaacc tcagaagagg agaaaaagct attggtgtat     540
gaagccctag agtatgcaa aagagcacta gaaaaatgaa tcaagttttg catctcataa     600
gtggtatgca atctgcctta gtgatgttg agattatgaa ggcatcaagg ctaaaattgc     660
aaatgcatat atcatcaagg agcattttga gaaagcaatt gaactgaacc ctaaagatgc     720
tacttcaatt caccttatgg gtatttgggt ctatacat t gccgaaatgc cttggtatca     780
aagaagaatt gcctaaaatg cctgtttgca actccctccc tagttccac cctatgagaa     840
ggccttaggc taactttcac agggcagAAC aagtggatcc aaacttctac agcaaaaact     900
tacttctttt aggaaagaca tacttgaaac tacacaacaa aaagcttgct gctttctggc     960
taatgaaagc caaggactat ccagcacaca cagaggagga taaacagata cagacagaag    1020
ctgctcagtt gcttacaagt ttcagtgaga agaattgaga acttttcaga gaagatttat    1080
gaaatagcta ataaacattg ctttttcttt taattctaaa cttaatatat gaactataac    1140
tgttctacgg ctttttaaat gttgtgacca ttttaaccgtg taaatataaa atattctagg    1200
cttcttcaca aataataggg taaaataaat aatcgccata agagtggtag aaataaatct    1260
ccatggctca ggcaaagaga ttattttgca toctggatac cagcaatgca aaatgggatg    1320
agattttctaa ggattgatca cattgggatg ggagatcaag caaagaaata tttgtagagg    1380
aggggaaatg gatctatagg ggatatacag ggggatggat tttcaaattg gattgattct    1440
aagttgaaat cttgaagaga aggtgtggtg acagtgggta ggatgttgtg ggttcctgac    1500
ataaagtagt taaatgatat atcttgagac taacctgtga aataaaaaac taagtaagga    1560
gatgatgtat tgcgnccgct ctagagtatt caacctaaac aagagtgact tt              1612
```

<210> 5590
 <211> 2065
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (2038)...(179)
 <223> similar to gi535012 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 5590

```
tttttcagag acaaggcttt tattcactgt atgccttggc atctcctctc acaccagaaa      60
gtttaaaaga aaaaacacag cgacaaggat tcacttgggc cattttggaa cccatttata     120
```

ttgtgggtgt	tactctgggc	ttcatctagc	cccatactag	cctctgagac	tgccctcagac	180
cgtctgaaca	ttcatggcct	tcccttgggc	ccaaatgtag	ctgtcccagt	gtaaaaggag	240
tcatagtctg	gagtgtgaaga	cccagggatc	ttacaaaaag	cctccttggg	ccttaggctc	300
tggttagtag	gaaaaccagg	ttgtgtttgt	acccttagtc	aaaaactttg	atggcaattc	360
tcaaaaacac	gtttcggatg	ggtgctgagt	ggtggggtag	agtctcccct	gggacagatg	420
ctgctcagag	acttcctggg	gcaatttggc	tctgctgtca	gggaggaaga	tctcatctgg	480
ggatgtgccc	gggatccccg	ccgggcgaat	ggactcccag	ttgccacccc	cggggaacac	540
gttaagcatt	gtttcccctg	cccccaggaa	tgaaggtctt	gcccattctc	caaatacaac	600
ctccttaaaa	aggacttcca	actggcaaaa	aatcccctcg	gcccctcggt	gacccggtag	660
cacttctcaa	gccgtgcact	cggccttgct	ggtgggggtg	ctcagggcaa	agatgatagg	720
ggcgctcgtg	gaaggaggcc	atgtccctca	gaatctgctc	cgtgaagggc	ttctgcatg	780
gcagcaacac	ctatgatggc	tgtgggcttc	accagcctca	ccacctcctc	cagggagttg	840
acttcaggat	gggtcttggg	caaacatctc	cttttcatgg	ttcagggtgt	ctctcccctg	900
aacaatgagc	cctttaaaaag	tccaccatcc	cagatctttc	ttgtggcctc	ctgccttcgg	960
tacaccttct	ttcctctagg	gccatgacaa	ggaggtgggc	aatgccccat	agctgcctcg	1020
cctgcacctt	ggaaaccaa	cacgtgattg	gaaagcttgt	tcttggtgat	tcgcagagca	1080
gccagatcc	ctgccacagc	aacggaggct	gtgccttggg	tgtcatcatt	gaacatgcag	1140
tacttggttac	ggtatttgtt	gagcaggcgg	aaggcattgg	cattggcgaa	gtcttcaa	1200
tggtatgagg	aatttattcc	aaacttgtct	gtcacagcct	gcatgaactc	atccagcaag	1260
tcatcgatat	ccttcccgtg	cacgcgctgg	tgtttcaggc	cgatgtacag	agggctctctg	1320
agcagctcct	cattgttggg	gccgacgtcc	agcagcacag	ggaggcactg	ctgcgggttc	1380
acccctccgc	atgccgtgta	cagggccagc	ttgccacag	ggatgccc	gccgtagcag	1440
cccagggtctc	ccaggcccag	gatgcgctcc	ccatcagtc	ccaccacggc	cttaatat	1500
tcttctggcc	aagaattcag	cattgttgca	agatgacctt	tgtcatgaat	ggtgatgaac	1560
agtccacggg	gcctgcggaa	agtcaggcca	tagtgctgac	aggctagccc	cacggtaggc	1620
gtgtacacga	ttggcatgaa	cttctccacg	tccgaagtca	gcaactcggt	gaagagcttc	1680
tcgttacggg	cttggagtg	catgagaatg	atgtacttgt	ccaggctcact	ctgctgccgc	1740
tcgtaataatc	tcatgattcg	gaggagctgg	acgtcctggc	tcagaaagca	gggagggtt	1800
aggccgtgga	ttccaagctg	cagcctttct	tcaagggtaa	aggccatccc	cttgttgaga	1860
tgagggttcc	tggtgacatc	gtatccgcgc	ttcttcaggg	gcacagggcg	cgccgggcca	1920
ggcttggagt	ggcagccttg	ggcgggcgcg	gtgggtgtcc	agcgggggag	ggcgccgcag	1980
gcccggcccc	gcaggggagc	cagcgcgctg	cctgtcccca	gcgcggcacc	catggtcctt	2040
ggcagacctc	ggtcctctcc	ttccg				2065

<210> 5591
 <211> 1126
 <212> DNA
 <213> Homo sapiens
 <220>
 <221> misc_feature
 <222> (194)...(916)
 <223> similar to gi2477514 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 5591						
ggcacgagcc	acggtccagg	ctggacacaa	ccaaaggcgg	aggacccgtg	gcccacgaag	60
ctcatctttg	aactgtcccc	gccttctccc	gccttgactt	gtgaccctag	gccctttggg	120
gcgcctctga	cccagctagc	cagatcccgg	acccaaacca	tgttcctgt	gaagggtgaaa	180
gtggagaaat	cagagctgga	gatggccaaa	gcccgaacc	aactggatgc	tgtcttgacg	240

tgtctgctgg	agaagagtca	catggacagg	gagcgtctgg	atgaggaagc	tgggaaaaca	300
ccctcagaca	cccacaataa	ggactgctcc	atcgcagcca	ctggcaaaaag	gccatctgcc	360
cgcttccccc	accagcggag	gaagaagagg	agggagatgg	atgatgggct	ggctgaggga	420
gggccgcagc	gatccaacac	atatgtgatc	aagctgttcg	accggagcgt	ggacttggcc	480
cagttcagcg	agaacacgcc	actgtaccca	atctgcccg	cctggatgcg	caacagcccc	540
tctgtgcgcg	agcgtgaatg	ctctcccagc	tcacccctgc	ccccgctgcc	tgaggatgag	600
gagggcttca	gaggtaacca	acagcaagag	tcgttgatgt	gtacaagctt	gcccgccaac	660
ccacaccccc	gggggccaac	cgaagaatgc	ctgcagattc	ccgcatccca	tctccacttg	720
cagccttgag	gatgcagggc	accccttgac	ggtggagccc	ttttgagccc	gagccctcac	780
cctccacact	catctatcgc	aacatgcagc	gctggaaacg	catccgccag	aggtggaagg	840
aggcctctca	tcggaaccag	cttcgttact	cagaaagcat	gaagatccta	cgagagatgt	900
acgaacgaca	gtgatgttcc	caggtccccc	cacaccagta	aacatccccc	agctccaaaa	960
aaaaaaaaag	ggggggccct	tttaagggga	ccaattttta	ttcccggggg	ttgggaaggt	1020
aaaatttttt	ttttggggcc	ccaaaattaa	attccggggc	cggggtttta	aaacgggggg	1080
gggggaaaaa	cccggggggt	ccccaattta	atccctttgg	gaaaaa		1126

<210> 5592
 <211> 1964
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (1741)...(1871)
 <223> similar to gi5921397 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 5592						
tcatgggaag	cctattttgc	ggaattgggt	ctgacttggg	gaaaaaaaaa	acaacttctt	60
gaaaaggtaa	aatagcttaa	agcattttaa	atctaaacaa	atcaatctgt	taatagtagt	120
cacaaaatat	gcttaataa	gaaaccaca	ttcatgtttt	taagaaaaaa	gtgtaaattg	180
tattccacct	caaaacataa	attaaccgc	ttaaagaatc	ttcagcggtc	aaagtcatgg	240
tgaattttta	acaacttcag	agtaaaataa	caagtacttt	atactgcttt	atatctaaaa	300
aatgcttaca	acttctcata	aaaatagttt	gaagcaacta	ttttttcttt	tattttttta	360
cagacacggt	caacattacg	ggcaacat	ttaaaacctt	aagctttaca	gactttcaaa	420
cattcaaata	ctgggggtccc	tttcctttga	tgtgggtttat	tcagctagaa	aagaaaacat	480
ggtagacaac	ttaataacatt	ttcaccaaat	ttgaaagtag	tacaaaaatt	ttaggactct	540
accgaactac	acatcgtacc	taatgtatca	ttaaaaatag	aagacagtat	tttcttcagc	600
aaataaaaaca	gcataactaat	atgctgctaa	tgcatacctt	ttaatgtgta	ctgtcattca	660
taaatttattt	acaactgcta	ctgtgtgaag	agaactagaa	tgtaaatttt	ctgcaaaact	720
ggaaaaaaaag	caatacaaaa	tttgtgaaag	cctgtgtttt	atactataca	aaagtcaagt	780
tttctcttca	aataccagat	attgtatgca	gtgatatttt	ggacacatta	tagtaattct	840
tgaggatggt	ttagtgtcgg	aggtaagttt	acaggcctcg	attcttcac	aaggagtact	900
agatcttcta	tttcaactgc	tctgtatttc	cttttacata	ttttaccac	cacctttttc	960
ttgagaaata	acttcaatgc	ttctcttgat	gcaactgctt	ttgcattttc	tttgcttttt	1020
ccacagccag	tgcccaataa	cacagacttg	cacctcaatt	cacaaacaat	actttcttga	1080
gagctcttat	tttgaggcag	atctgccaat	tcttttagtg	ggacaaaaaa	tacatccagt	1140
gttgctttca	gagcctcaat	agctgcattt	aggagctctc	catgattcac	attgggacta	1200
aagccaccaa	cagctaccaa	cttccatgcc	accgttttat	atagtctatt	gaaaaaaggt	1260
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<210> 5593

<211> 5276

<212> DNA

<213> Homo sapiens

<220>

<221> misc feature

<222> (644)...(4326)

<223> similar to gi4589640 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 5593

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<210> 5594

<211> 3281

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (141)...(2294)

<223> similar to gi4469187 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

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<210> 5595

<211> 6233

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (5734)...(1911)

<223> similar to gi5305331 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 5595

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<210> 5596

<211> 4321

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (232)...(3905)

<223> similar to gil702924 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

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<210> 5597
 <211> 2197
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc feature
 <222> (608)...(2180)
 <223> similar to gi3947613 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

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<210> 5598
<211> 4378
<212> DNA
<213> Homo sapiens

<220>
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<222> (230)...(4154)
<223> similar to gil228045 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

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<210> 5599
 <211> 3925
 <212> DNA
 <213> Homo sapiens

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<220>
<221> misc_feature
<222> (1)...(3926)
<223> n = a,t,c or g

<220>
<221> misc_feature
<222> (208)...(2552)
<223> similar to gi2769562 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

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<210> 5600
<211> 7030
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (70)...(2429)
<223> similar to gi4688902 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

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ttttattagt	atgtagagga	tttgtatcta	attcatgaat	gtagttttac	agtagtttgt	6900
cattgtaaat	ggagcaaaagt	acattatctt	ctaaaatgta	cattatgtaa	gaattgtaaa	6960
tatacttaag	taatttgtat	gccaaaaaat	tacaataagt	caataaagat	ctcacctctg	7020
aaaaaaaaa						7030

<210> 5601
 <211> 3734
 <212> DNA

<213> Homo sapiens

<220>

<221> misc feature

<222> (3319)...(252)

<223> similar to gi3451166 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 5601

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aaaaccacaca	ttggattacc	cacattttta	ttgagttttg	actgatgata	gggaaacatt	180
tacaaaggag	taaatgttac	gtaacttctc	acggtatgta	agttagaagc	tgggcagcaa	240
acatgggttac	caagagtcgt	ctagttcttc	atgagaaaag	cctgttaaac	tttcgacttt	300
gtcactagga	tggcagcgg	gtccaacata	ggggagcctt	cttgggacca	tcttttttga	360
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ggccggaaac	gaaa					3734

<210> 5602
 <211> 1038
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (51)...(308)
 <223> similar to gil890635 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 5602						
ggaagtca	gctgctgagg	gaccactctg	ctcccccgcc	taagccatgc	acctctgtgg	60
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gaagaaccgg	gcagccgccc	agcgaagccg	gcagaagcac	acagacaagg	cagacgcctt	180
gcaccagcag	cacgagtctc	tggaaaaaga	caacctcgcc	ctgcggaagg	agatccagtc	240
cctgcaggcc	gagctggcgt	ggtggagccg	gaccctgcac	gtgcatgagc	gcctgtgccc	300
catggattgt	gcctcctgct	cagctccagg	gctcctgggc	tgtgaggacc	aggtgagggg	360
gctcctgggc	cctggcccac	agggacaaca	tggctgccgg	gagcagctgg	agctgttcca	420
gaccccggtt	tcctgttacc	cagctcagcc	gctctctcca	ggtccacagc	ctcatgattc	480
tcccagcctc	ctccagtgcc	ccctgccttc	actgtccctt	ggccccgctg	tggttgctga	540
acctcctgtc	cagctgtccc	ccagccctct	ctgttttgcc	tcgcacactg	gttccagcct	600
gcaggggtct	tcctctaagc	tcagtgcctt	ccagcccagc	ctcacggccc	aaactgcccc	660
tccacagccc	ctcgagctgg	agcatcccac	cagagggaag	ctgggggtcct	ctcccacaaa	720
cccttctctt	gccctggggc	ttgcacgtct	gcagagcagg	gagcacaac	ctgctctctc	780
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tctgctctcc	tctgctcaag	tccacttcta	acctggtctt	cgagagctggg	ttggccccct	900
tttttgggct	caggaagcag	ccttagcaca	cgggccctct	cctccctcaa	taatgggggc	960
tgccctgcgt	ggctgaccag	ctggcccaag	atttcacagt	cgaaaaagga	agccccact	1020
ggatgccttc	ccactgtg					1038

<210> 5603
 <211> 994
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (515)...(380)
 <223> similar to gi5104224 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 5603
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 tccccaaaat aaatatctcc tccccgcttt ggggagttgg ggggggtctgt atcttagggc 120
 cagccctcct agtgggccag cccctagtg ttaaaaatag gtccctaacc cccaggggtg 180
 acccccggtg tggaatttca ggacatctga gtgagtggg cctagtgtca agtctgcccc 240
 ccaagtcagc ctggccccc gggcctctag gaaggagggc accccctcc cctgtgcaaa 300
 tgctgcagtt ccttagtcag tgtcagctgt tttgtgtgag ccagcgtgag gctccctttc 360
 tgttctggag ccagaggcag ggcaaccaga caccttgga gggtccctc aaccctgggc 420
 ccaggcctca gaggtgattc acccgcccc cccccctt gtggttgag gagcttggt 480
 cccgccggt ctgggaggca gagactggct ctagaatgga tgaatgaatg atgagtgggc 540
 gagccccggc tggcaggggg cacattgtca ctggatcagc gccacagctg ggcagccctc 600
 tccgccggtc tctctatgg ggggtggtgaa cttctctctc ctgcggcatc gtctccagac 660
 caaaaagcca gaaagcagcc ccagcacgaa ggtcaggctc agagcgcccc caaggatggg 720
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 cggtcgcgcc ctgcaagacg cgcagtcctat gcacttgctc aggtccgcgc tccaggagct 840
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 cagccagagc cccagcacga ggagccgcag caaccggcgc agcgagcccc gagccatagt 960
 gcacgtcctc tcgtgccgaa ttctcagcg cgga 994

<210> 5604
 <211> 1671
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (1543)...(429)
 <223> similar to gil89762 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 5604
 tttttttttt tttttttttt tcatgttaga aattccttta ttccttatca aaacaaacta 60

```

acagtaaacy tatattatat gctttaatth tatacatata agttatcttg tttggataca 120
tctttcatca ggactctgcc acatccatac tttgtccttg tggtagagaga ggataaaatg 180
tgatataatt tgttattcaa agaaccatggc aaccgtaaca gacaaaagga agcatggcat 240
ctagggggagg agagtggaga gttttccata cacaaacaca tttaaacttc cctgtacaaa 300
aatacctgct gttgcttttag aaatcgtttt cctttatgaa tagtcagggtc ttgcagtaca 360
aatccagggtg cagtgccagc aagtatttca aataaatthc aacgacttga tattcaagtc 420
caaactaaat atttaatgth ttctttattg caaatatgat gtctttgacc tgagggtatag 480
agttgtcctc tagaatctth gcataaggca tagggacatc agcaccagtg acacgaacag 540
caggagcatc caggaaaatt gaacgcagga ccttcccatg atcctggcac agatttcaag 600
ctcctactcc caaactgtgg ccagcctcct tcccacagth acaagatgaa ttttgtcttc 660
atgacactgg gcttctatgg gtttccatgt ccattgggtc taatgggtac gcataatttat 720
cacctcagca ttcgactcct tcttttagata ggcatgggtc ggcaggcttc taaggcagtg 780
ggcccacagg tcttgaatgg gaaaccacag ttatatgtgt tccgtgcatt tctatttttg 840
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aaccgccatac atcaattcat tctctagcgc caccactgga ttgttatccc gaatggctga 960
tttaataagt ccttttagcat cctacgaagt cctagggact gaccacctth aagcctgggc 1020
agtgcccata ccaggcagca aagcactgtg agtgctgggc agctacacct gctgaagcac 1080
caattgggcc cccatgatac tataagcaca ggctgaaggc caaccagaac atgtagtagg 1140
tcttggcagc tgagtttata acctggtcaa atggcttgcc atggagaaat tgaaggcca 1200
taaattcaac aaaatgggcc gcaaaccca gccaatagct gcacctaca gcaattccca 1260
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aataccttct catctctthc cagctcctca tccataccct gatttatagc atcacgaact 1440
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ctcccgaagg ggtctccgca ccaagccaga caccgccgc atcttggtcg tgcctctat 1560
ccgctgcca acgaccccag aggggccggc agacgtgagc acgcccgcct ccaccggcgc 1620
gggcaatggc aaggcgcgcc ggctgcgtga cccgccacc cgcccaccg t 1671

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```

<210> 5605
<211> 3670
<212> DNA
<213> Homo sapiens

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<220>
<221> misc_feature
<222> (1)...(3671)
<223> n = a,t,c or g

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```

<220>
<221> misc_feature
<222> (197)...(2288)
<223> similar to gi5834572 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

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```

<400> 5605
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aggcaggggt ggttgggtgc aacagggggg ccaacagggt accagagcca agaccctcg 120
cctcctcccc cgccgccttc ctgcagatct gcttggctth gaggaagagt ggcagtactg 180
cctcactgca taagggatgg gatcagagaa cagtgttht aagagctata cactgagaga 240
accaccatth accttacct ctggacttgc tgtttatccc gctgtactgc aagatggcaa 300

```

atttgcttca	gtttttgtgt	ataagagaga	aatgaagac	aaggttaata	aagctgccaa	360
ggtaccataa	tagcatttga	agacacttgc	tcacccctgc	ttgctaagat	ttttatcttg	420
tactgtggaa	gcggatggca	ttcatcttgc	cactgagcga	gtacagcccc	tggaagtggc	480
tttggaacaa	ttgtcttctg	cagaggtctg	tgctgggagc	tatgacatat	tgctggctct	540
tatcttcctt	catgacagag	gacacctaac	acacaataat	gtctgtttat	catctgtgtt	600
tgtgagttaa	gatggacact	ggaagctagg	aggaatggaa	actgtttgta	aagttttctca	660
ggccacacca	gagtttctga	ggagtattca	gtcaataaga	gacccagcat	ctatccctcc	720
tgaagagatg	tctccagaat	tcacaactct	cccagagtgt	catggacatg	cccgggatgc	780
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aactggtgac	aatagatgtg	agttaaactt	taggaaaaag	gattcccttt	ttttaaaaaa	2340
aatcaatacc	tcaaaagcag	gctttgggac	aagaaaacct	caaagtggcc	tgcttttccc	2400
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cctcgtgccg						3670

<210> 5606
 <211> 1774
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (1279)...(1756)
 <223> similar to gi804764 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 5606

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<210> 5607
 <211> 4178

<212> DNA
 <213> Homo sapiens
 <220>
 <221> misc feature
 <222> (4135)...(1038)
 <223> similar to gi4240251 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 5607

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<210> 5608
<211> 1010
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(1011)
<223> n = a,t,c or g

<220>
<221> misc_feature
<222> (113)...(255)
<223> similar to gil537015 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

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<400> 5608
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tcaagcagta gtgatggcag taggtggagg atctcggatg acagacctaa cttccagcat 180
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tgagcgtgtt ggatttgaag aagtcattgt ggttacaacc agggatgttc aaaaggctct 300
atgtgcagaa ttcaagatga aaatgaagcc agatattgtg tgtattcctg atgacgctga 360

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<210> 5610

<211> 3446

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (201)...(2368)

<223> similar to gi4321664 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 5610

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<210> 5611

<211> 2531

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (997)...(2355)

<223> similar to gi3874427 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 5611

aatgaaattg	aaaaacaatt	gaatgccatc	agagataata	tcaaaattgg	agaagatcgt	60
gctgctagac	ttgacaggaa	aatggaagaa	cagcagggtca	gacttaatga	ggcagaacaa	120
aagtacaagg	atattcaaga	caaactagaa	aagattagtg	aagagacaaa	tgcacgagca	180
ccagaatgta	tggcattgaa	agcagatgtt	gttgctaaga	aaagggccta	taatgaagct	240
gaggttttat	ataaccgatc	cttaaaccgaa	tataaagcat	taaagaaaga	tgatgagcag	300

ctttgtaa	ac	gaattga	aga	gctgaaaa	aa	agtactg	acc	aatctttg	ga	acctga	acgg	360
ttggaaag	ac	aaaaaaaa	aat	atcttggt	ta	aaagagag	ag	taaaggc	ctt	tcaaaat	caa	420
gaaaattc	ag	tcaatca	aga	gatcga	acag	tttcagca	ag	ccatagaa	aaa	ggacaa	agaa	480
gaacatgg	ca	aaatta	agag	agaaga	atta	gatgtga	agc	atgcactg	ag	ctacaat	cag	540
gggcaact	ga	aagaatt	gaa	agatag	taaa	actgatc	gac	tcaaaag	att	tggccct	aat	600
gttccagc	tc	ttcttga	agc	catagat	gat	gcttatag	ac	aaggacat	ttt	tacctata	aaa	660
cctgtagg	cc	ctttagg	agc	ttgcatt	cat	cttcggg	acc	cagaactt	g	tttggtc	tatt	720
gaatcttg	ct	taaaagg	gct	tctgcag	gcc	tattgttg	gcc	ataatcat	g	tgatgaa	agg	780
gtccttc	ag	cactcat	gaa	aaggtttt	at	ttaccat	gga	cctcacg	gcc	accgata	ata	840
gtttctga	gt	gtcggaa	tga	gatatat	gat	gtaagac	aca	gagctg	ctta	tcatccag	ac	900
tttccaac	ag	ttctgac	agc	tttagaa	ata	gataatg	cgg	ttgcggc	aaa	tagccta	att	960
gacatgag	ag	gcatagag	ac	agtgtcta	cta	atcaaaa	ata	attctgt	agc	tcgtgcag	ta	1020
atgcagtc	ccc	aaaagcc	acc	caaaaatt	gt	agagaag	c	ttactgt	cga	tggtgat	caa	1080
gtttttgc	ag	gacgttat	ta	ttcatct	gaa	aatacaag	ac	ctaagtt	c	aagcagag	at	1140
gtggattc	tg	aaataag	tga	cttgga	gaat	gagggtt	gaaa	ataagac	ggc	ccagata	tta	1200
aatcttc	agc	aacatttt	atc	tgccctt	gaa	aaagata	tta	aacaca	atga	ggaactt	c	1260
aaaaggt	gcc	aactacat	ta	taaaga	acta	aagatga	aaaa	taagaaa	aaaa	tattttc	tgaa	1320
attcggga	aac	ttgaga	acat	agaaga	acac	cagtc	ctgtag	atattg	caac	tttgga	agat	1380
gaagctc	ag	aaaata	aaaag	caaaat	gaaa	atgggtt	gagg	aacata	tgga	gcaacaaa	aaa	1440
gaaaatat	gg	agcatct	ttaa	aagtct	gaaa	atagaag	cag	aaaata	agta	tgatgca	att	1500
aaattca	aaa	ttaatca	act	atcggag	c	gcagacc	ccac	ttaagg	atga	attaaac	ctt	1560
gctgattc	tg	aagtgg	ataa	ccaaaa	acga	gggaaa	acgac	attatga	aga	aaaacaaa	aaa	1620
gaacactt	gg	atacctt	aaa	taaaaa	agaaa	cgagaac	tgg	atatgaa	aga	gaaaga	acta	1680
gaggagaa	aaa	tgtcaca	agc	aagaca	aaatc	tgcccag	agc	gtataga	agt	agaaaa	atct	1740
gcatcaat	tc	tggacaa	aga	aattaat	cga	ttaagg	caga	agatac	aggc	agaacat	gct	1800
agtcatgg	ag	atcgag	agga	aataat	gagg	cagtacca	ag	aagcaag	aga	gacctat	ctt	1860
gatctgg	ata	gtaaag	t	gacttt	aaaa	aagttt	tatta	aattact	ggg	agaaatc	atg	1920
gagcacag	at	tcaagac	ata	tcaaca	at	agaagg	tgtt	tgacttt	acg	atgcaa	atta	1980
tactttg	aca	acttact	atc	tcagc	ggggc	tattgt	ggaa	aaatga	at	tgaccac	aag	2040
aatgaaac	tc	taagtata	tc	agttcag	cct	ggagaag	gaa	ataaag	ctgc	tttcaat	gac	2100
atgagagc	ct	tgtctg	gagg	tgaacg	ttct	ttctcc	acag	tgtgttt	ttat	tctttcc	ctg	2160
tggtccat	cg	cagaatc	ctcc	tttcag	atgc	ctggat	gaat	ttgatgt	c	catggat	atg	2220
gttaatag	ga	gaattg	ccat	ggactt	gata	ctgaag	atgg	cagattc	cca	gcgtttt	aga	2280
cagtttat	ct	tgctcac	acc	tcaaag	catg	agttcac	ctt	catccag	t	actgata	aga	2340
attctcc	gaa	tgtctga	tcc	tgaag	agga	caaact	acat	tgctttt	cag	acctgtg	act	2400
caagaaga	ag	atgatga	cca	aagggt	gattt	gtaact	t	atgcctt	gtc	ctgatgt	tga	2460
aggatttg	tg	aaggga	aaaa	aaattct	gga	ctcttt	gata	taataaa	atg	agactgg	agg	2520
cattctga	aaa	a										2531

<210> 5612

<211> 2161

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (2102)...(1410)

<223> similar to gil730284 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

<400> 5612
agcgtagtct acactgctgt ttattcaaac aatcccctat taatgaatat ttggattgac      60
tctaatactgc ttttaaaaaa taaccatgga tacaatttgt acttaatacc tggaagttaa      120
aaaaactggc actgtcattc tcttgatcac tctcctgac ctctgacttc ttgaattccc      180
atttcctcaa ctgtaaaaca aggaatttta atatgactta cctatccggg ttaaataaaa      240
ttgcaattca aaaagtattc ccatatatgt taagaaaaac tgaaatagcc actaaaatgc      300
attcaaaata aataaattat ataattatca ctacacagat tcaccataca actcatttct      360
acttaagaga ttcatataga cacaatgaca aaatagattg tgtccacaga aagatcgaga      420
gtgaaatttc cagaaactat cttagatgaa ataattgaag aattcagggt aaatatttat      480
tgaacaaatg cagagtaaag gaactaaggg ctgttataac cttaagttac aacaaacaac      540
ttcaaatatt cagagggctg tcacacagag aatgaaagac ttgctcagta tttctccaaa      600
gggcagaact tgagccaagg gataaatata agcaaccaat gggctgcagg atagttgtac      660
aaagtgtatc atgtatcttc atagcttctt tgcccatata atgcattcca cacttaagtt      720
tctccttcta aaaggcgaca gcacaagtta atatgtctca taaatgtctt aaataagttg      780
cattttcatg gcaagccctc cactgccagc aatggatata ctacactat tggaaaaaat      840
ctaaagttaa caaactggtt tagtatggaa atggtctatt tgttcctcag ctatgtttct      900
gtatcttaca ttagtggtc tcaggagggt gggggtgaaa agagagcatg ttctccaaag      960
aggggtgaatc ataatcccca gtgattcaga tactgtgcct ggggacaatc tttcttcaag     1020
tccaaatgaa tcattataat tatcaaccaa tggtagatat aagagtacgg catgtgctgg     1080
gacagagaaa agacagttga caaacactat tctacatgaa acaggaaaatc ttattttatg     1140
agtcactaga aaactaactg taatactgac aggtccatc cagattatta aatactacaa     1200
aatgagaact gtttcaacaa ctattcagca taacgtttat ggacaaaatg tatatagtat     1260
atcttatatt ctatatgtat tttatcacat agtaaggaat gctgaggtgc ttaagccatc     1320
caataaattg aaaatacaaa ctttacattt ctacgtttgt cagtatacag gattctgaag     1380
atgaatcttg aactcagagt gataaatcag ttttcaagga aagccacata atccgtcagt     1440
ctggctaact gctgttcatt gggatttggg ggaactggag caggctctga taagggaata     1500
aacttgttaa aggaaacatc cagggccctt gcaactggct ttctgggcag aaccattctt     1560
gtggtggaat cagcttgcca tccttgttct aatatgcctt tcacagcctc ttctacagga     1620
agtccaacaa aggctgcaaa atcatcggcg atgattgaag tatacgcttg agagaccagg     1680
gcaaaggcgc gtctccttgt tgcatctcta agtgcttcca taattggctg gaccgtctca     1740
gaccactggt gagcggtgat ggttgatat atcccaggga aatctctctg ccagattctt     1800
tgtcctactg accaaattcc cccaagttca gaatttgag attttatagc aggtggtatt     1860
cttttccaaa gatattcttg attattcatg tcattatgga gcaaatataa agctagaagc     1920
tgaccataca ctgggggtgt agcaattcct ccaggggcta ttataagaaa caaattcgac     1980
agattcctga agcattctga ttctgcccac tacatcaagc gtccctcgagc tcctggttct     2040
cgactgatc cagcaacttt ttgaaactaa aggcgctttc cgccatcacc gccactggca     2100
tcttcgcggc cggcctcgcc gctgcaccgt ccggacaaac aaaaaccagc ccacgcgtcc     2160
g

```

```

<210> 5613
<211> 2293
<212> DNA
<213> Homo sapiens

<220>
<221> misc feature
<222> (2155)...(1087)
<223> similar to gi210699 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 5613
cccgaggaag gctagactgt taagtgtcac gtatatacgg tctcaatgga gcctcaggaa    60
gctattaaac aacctcaa at cacaataatca gaaaagtgtt gaacatttag aggaagaata    120
gaaaggaaaa aaaagcctcc aagtttgtgt ttatttgtca gtaaagcaaa acaaatgtgt    180
aagcccactt atatttaata atgtctcact gaaattaaag taatagggga gagtctgaag    240
tttccacaga taaagagagt gctgtactca aatttactac aaaattaata atagtaaatg    300
taaaatatgt atttatacag ccttttgtag acttatgaac tatctcaaat tcacgaatcc    360
tattttttta atacagtttt aagtttcaac cacttgatc accagaattt tgagacttaa    420
ctcccatggt taagagattt ccaagctgtg ttcacacctg tagtcccagc tacactgaaa    480
gctaaggcgg gaggaccaca tgagcccagg agttccagac tagccttgct ctattttaaag    540
agcaagactc cactgcca aa aaaaaaagg aaaacaaaa aaaaaattc cataataaac    600
tgggtttcta aaattccatc ttttcagtga aacagtacat cacttaaggc taaaactatg    660
tcttttatca ctgtaagtcc ccagtactgc ttacacccta cacagagtag atgctcaata    720
aatgtttgat gatgtggcaa ttaatgggat aggaggggat attaatatgt gtcaataaat    780
tactctgaat attataaata ggcttatgag tatggaaaag acccaccctc aagggaattg    840
tgatcttttc tcttacatca tactgctgtt ttcaatatgc cataattttt cttttcttca    900
gggtggggtc agggaaacaa cacaataatg ctgtggatgc tgtttaacaa tcagcatttc    960
ataagcagtt aagaatttct gtactttcac aaaaatgaaa aaatctctct aaagattatg   1020
tgagcccaat ctatgcccaa atcttttttt tttttttaat atagagaact gattatgttc   1080
acttgtaacc tgtcattcca aaattcttca ggatgtttta tgttcaagtg tccatattcc   1140
cagtcaccact ggatgcctgg caggatgcaa ccatctgaat gagtgggaagt ataatgtttg   1200
caccagggtat tatattagga gccttgaaac cagaatatgt ctgattaagt ctttttagccc   1260
aataatttgc cactgctgcc aagtctggta attttgaagg agaaagtcca accataacgg   1320
ggtgatacag ggcacccccg tactcaaaaa aactttcaaa gtgctttcta aacaagtttc   1380
tctttctcct tgaatacaac gtcagtcaca actgatggca gtacaatcga tccatccata   1440
cactgctcta agaacatctt gatggtataa tatgctgtca ttcactgctc acctgctact   1500
agtttaattt ggtcaagtag ctctttccct ggagactcaa attctactag actcaaattc   1560
tattagacca aagacaaatg atctcaacca tggctttcac ttaaaccaat cactggccct   1620
gcattataac tgagcaacaa gttggcaca tcacatgtg ttggttgctg gagagctatc   1680
atcaggggtc tgaattgctt ctgaacctgg agactgctgg cagggattct gtcacttgac   1740
ccctactact atgccaatgc caatcagtag atcacaacag tacagtacag atgatagctc   1800
caagaatgta aattgcggat ccttcccttt gtggctttgg ccatacagca ttttagtttt   1860
gttctttcca ttaactgaag tcacgaggta tgcctccttg gaaactccaa cagttaagag   1920
attctcatgt attccatgaa ataaaaagca aagaaaaatc aaacttgtct taatgagatg   1980
gaagtgttgg atcaaacact gattgagctg ttctatgtcc tccacttccc cagtgcctgg   2040
atgtggttca tctgcatcga tggatactgt ccaaatttgc cacttggtc aaaagactgc   2100
tgcccagtg atggtaatgc agatagaggc tcagagggtat ccatgggttc ctccatgatg   2160
aacaatggtc ttgattgctg aagcgattgt ttctgattgg ttctatgcc cagatctgta   2220
cctccacct tgggaggctg agggaggata gcttgagccc aagtgttcaa agttgacagt   2280
gagctatgat cac                                                    2293

```

```

<210> 5614
<211> 1378
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (167)...(1165)
<223> similar to gi4200234 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```


<400>	5614					
gtcgggcctc	ctccagtaag	aagcgtgggc	gagtagtggt	gtcgccagtg	gcaactgaag	60
ggagtaatgg	agataaaaca	aaagcgaagg	cgaagttaaa	gcactccacg	agttccctcg	120
gattaaacgc	cggagagagc	gtgaatttgc	ctcggggacg	cctctccagg	aatgtcggat	180
tgcacatcct	attgtaaaat	gtacttactg	cagatcagaa	tttcaacaag	agagcaaaac	240
taacacaatt	ttgtaagaag	tgtgctcaaa	atgtgaagca	at ttggggac	ggccaagcct	300
ttttcagtac	tgtaacataa	tttcagcatt	ttttggtacc	aagtgtcagc	gttgacaaaa	360
ttcagaaaaa	aagtatggac	cacctcagac	ctgtgaacag	tgcaaacagc	aatgtgtctt	420
tgatcggaag	gaggaaggaa	gaagaaaggt	tgatggaaag	ttattatgct	ggctctgtac	480
tttatcgtac	aaaagagttt	tacagaagac	gaaagaacaa	aggaagagcc	tgggatcttc	540
acattcaaat	tcatcttctt	catctcttac	tgagaaagac	cagcatcatc	caaaacatca	600
tcaccaccat	catcaccatc	accatcgtca	cagcagtagc	catcacaaaa	tcagcaatct	660
aagtccagaa	gaagagcagg	gactgtggaa	acagagccat	aaatcctctg	caacaattca	720
gaatgaaaact	caaagaaaaa	agcccaaatt	ggaatctaag	ccatctaattg	gagataggtg	780
tatgtaatgt	gtgccattag	taaggtaatt	tgccagttgc	atccattttct	gtcagtagct	840
ctataaatca	gtcagcagat	agtgggggaa	cagacaattt	tgtccttata	agtcaactga	900
aagaagaagt	gatgtcactt	aagcgtctct	tacagcagag	agaccagacc	at ttttagaaa	960
aagataaaaa	gttaactgaa	ctaaaggcag	actttcagta	ccaagagtca	aatttgagaa	1020
caaaaatgaa	cagtatggaa	aaagcccaca	aagaaaactgt	ggaacaaactt	caggccaaaa	1080
acagagaact	actcaaacag	gtcgcagcat	tatcaaaggg	taaaaaattt	gacaaaagtg	1140
gaagcatact	aacatctcct	tgcgaagaatc	atttgtttag	cat tttctct	tacaattgtaa	1200
at ttgggggaa	aaaaaattct	gtgaagccct	taaaattctgt	gtatgtagaaa	aatatttttg	1260
cacaccaa	gaattggtgt	gtttcctgtt	cacttttgta	attgatatac	agcatttttt	1320
aagttgtaaa	acattcaaat	aaaacttcaa	ctggtttgaa	gtaacttttt	aattaaaa	1378

```
<210> 5615
<211> 2473
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (94)...(1892)
<223> similar to gi3047308 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters
```

<400>	5615						
cccacgcgctc	cgcaaggagc	taaggccttc	agtgtccctt	tccttaccca	ggtttctcac		60
agaatggatt	cccagcggga	acttgcagag	gaactgcggc	tttaccaatc	cacccttctt		120
caggatggtc	taaaagatct	cctggatgag	aaaaaattca	tcgattgcac	cctaaaagca		180
ggtgacaaaa	gtcttccttg	ccacagattg	atthttgtcag	cttgtagtcc	ttacttccgt		240
gagtactttt	tatctgaaat	tgatgaggcg	aaaaaaaaagg	aggtagtgct	agacaatgtg		300
gatactgcta	tacttgattt	aatcatcaaa	tacctgtact	ctgccagtat	tgatctcaat		360
gacggaaatg	tgcaagatat	ttttgcattg	gccagccgct	ttcagatccc	ctcagtggtt		420
actgtctgcg	tttcttatct	tcagaaaaga	cttgctcctg	gtaaaactgtc	tagccatcct		480
aagattagga	cttcttcttg	actgcccag	actgcctatt	tctggcccg	gaattttgcgt		540
ctgatcgctt	tgtacagatt	tgtaaaggaag	aggactttat	gcactcggtc	tcacacaggaa		600
ctgatctcag	tcattttcaaa	tgacagccta	aatgtagaaa	aaggaagaaq	cagtattttga		660

```

gggcagtgat gaaatgggtg cggaacagac aaggaaaaca gggttaaaaa ccttttagtg 720
aagtgttttg attgtatccg ttttcgcctt atgacagaaa aatattttta ggatcatggt 780
gagaaagatg atataattaa aagcaaccca gacctccaga aaaaaatcaa agttctaaaa 840
gatgcttttc caggcaaaact cccagaacct agcaaaaatg ccgcgaagac tggggctggt 900
gaggtgaatg gtgatgttggt tgatgaagat ttacttcctg gttacctgaa tgacattccc 960
aggcatggaa tgtttgtaaa agacctcatc ctcttggtta atgacacagc agcagtggct 1020
tatgacccca cggaaaatga atgctacctt actgcaactg ctgagcagat tcccagaaat 1080
cattccagca ttgttaccca gcaaaatcag atatatgtgg taggaggact atatgtggat 1140
gaagaaaata aggatcaacc tctacagtca tacttcttcc agctcgatag catagcatct 1200
gaatgggttg gacttccacc tctgccttca gccagggtgc tcttcggtct gggagaggtg 1260
gatgataaaa tctatgtagt tgcaggcaaa gaccttcaaa cagaggcttc gctggattca 1320
gtattatgct atgacctgtt ggctgcaaaa tggaaacgaag taaaaaaact ccctatcaaa 1380
gtctatggcc ataattgtgt ttacataaaa gggatgatat attgtctagg aggaaagaca 1440
gatgacaaaa aatgtacaaa cagggtgttt atcttcaacc ccaaaaaagg agattggaaa 1500
gatctggctc caatgaaaat tcctcggttcc atgtttggag tagcagtgcca taaaggcaaa 1560
attgtgattg caggaggtgt cactgaagat ggtctttcag cttcagttga agcttttgac 1620
cttacaacaa ataaatggga tgtaatgacc gaatttcccc aagaaagaag ctccatcagt 1680
ttggtcagcc tggctggatc tctgtatgca attgggtggt ttgctatgat tcaactggag 1740
tctaaagaat ttgcacccac tgaagtcaat gacatatgga agtatgaaga tgataaaaaa 1800
gaatgggctg ggatgttgaa ggaaatacgt tatgcttcag gagctagtgt cctagcaaca 1860
cgtttaaatc tcttcaaaact gtctaaactg tgaacaaggt gacaaaacat aatagattgg 1920
gaggtggttt gtttggtgaa tggggcttta atttattctg ttttttaaaa gcttgtagag 1980
acactcatgt agaaattatt caagaagtta ttgtctaaga gatgagcagt aggtaagaaa 2040
acctcagtca ttgactcttc aatgtaatga tcagagttta aaaccatttt ctaataataa 2100
attaaatctt cagttgaaca aattattttg tgaatctgtt tcaactaatg gattgtaaag 2160
aaggctccta aatttgagtt gtttgcta attttcat tgcatttag ggtatcctta 2220
aactgatttt ctattacaat tggaagtgga gaatatgtgc atctacacta aaaaaatgtt 2280
taagatatca aaaacctctc ctctgtcttc aaaatgacag gaatcctgtg cattatacta 2340
agaattacat gccataagat gactgacttc agaaatccta cttcagaagt gtaataaatg 2400
gatgaggaaa tcgtttgatg gggaaaagtc tcttgtaagt aaaagtagtc aaattcaaat 2460
ggcaaaaaaa aaa 2473

```

```

<210> 5616
<211> 1894
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(1895)
<223> n = a,t,c or g

<220>
<221> misc_feature
<222> (51)...(689)
<223> similar to gi5566244 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

```

<400> 5616
cctcctgaga gttcgccggc ccgggcccaa tgggnttggt ccaaggggtc atgcagaaat 60

```

```

acagcagcag cttgttcaag acctcccagc tggcgccctgc ggaccccttg ataaaggcca 120
tcaaggatgg cgactgaaga ggccttgaag accatgatca aggaaggga gaatctcgca 180
gagcccaaca aggagggctg gctgccgctg cacgaggccg catactatgg ccagggtgggc 240
tgcctgaaag tcctgcagcg agcgtaccca agggaccatc gaccagcgca ccctgcagga 300
ggaaacaagc cgtttacttt ggcaacgtgc agggggcanc ttggactgtc tcctgtcact 360
gctccaagca ggggcagagc cggacatctc caacaaatcc cgagagacac cgctctacaa 420
agcctgtgag cgcaagaacg cggaggccgt gaagattctt ggtgcagcac aacgcagaca 480
ccaaccaccg ctgcaaccgc ggctggaccg ctctgcacga gtctgtgtct cgcaatgacc 540
tggaggtcat gcagatcctg gtgagcggag gagccaaggt ggaatccaag aatgcctacg 600
gcacaccctt gttcgtggcc gccagagtg gacagttgga ggccttgagg ttcttagcca 660
agtacggggc tgacatcaac acgcaggcca gcgacaacgc gtctgccctc tacgaggcct 720
gcaagaatga gcatgaggag gtggtggagt ttctgtgtgc acagggtgcc gacgccaaca 780
agaccaacaa ggacggcttg ctcccgtgc acatgcctc caagaagggc aactacagga 840
tcgtgcagat gctgtgtccg gtgaccagcc gcacgcgcac acgccgtagc ggcgtagtc 900
cgctgcacct ggcgcccgag cgcaaccacg acgaggtgct ggaggcgctg ctgagcgcg 960
gcttcgacgt gaacacgccg ctggcgcccg agcgcgcgcg cctctacgaa gaccggcgca 1020
gctccgcgct gtacttcgcg gtggtcaaca acaacgtgta cgccaccgag ctgctgtctgc 1080
aacacggcgc cgacccaac cgcgacgtca tcagccctt gctcgtggcc atccgccacg 1140
gctgcctgcg cacaatgcag ctgctgtctg accacggcgc gaacatcgac gcctatatcg 1200
ccacgcacc cccgccttc cccgccacca tcatgttcgc catgaagtgc ctgtcgctgc 1260
tcaagttcct catggacctg ggctgcgacg gcgagccctg cttctcatgc ctctacggca 1320
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acaaggagcc cagcgtggtg cagttctgtg agttcgtatc tgcccagag gtgagccgct 1440
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ggctgaagga acacatcgac agctttgagg actgggcccgt catcaaggag aagaaccact 1560
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ttttatttcc gggggctggc aaggtaaaat ttttttttg gggccccc aaatcaatttc 1800
cgggcccggg ttttaacaac gtcgggaggg gaaaacccc ggggttcccc atttaattcg 1860
cttgagcaaa aannnnnnn ggtggannat tcag 1894

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```

<210> 5617
<211> 2699
<212> DNA
<213> Homo sapiens

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<220>
<221> misc_feature
<222> (1)...(2700)
<223> n = a,t,c or g

<220>
<221> misc_feature
<222> (452)...(1230)
<223> similar to gi5912212 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

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<400> 5617
gttttctcca catgaaact tattggcgct tgcctcacga gacagaaccg tgagactctg 60

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gattcctgat	aagagaggaa	aattctcaga	atttaaagct	catacagctc	cagttcgaag	120
tggagacttt	tcacctgatg	gccagtttct	agctacagct	tctgaagaca	aatccataat	180
agtatggagc	atgtatcgcc	agcgcttcct	gtattccttg	gatcgacata	cacactgggt	240
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tattaaaatt	tgggatacca	caaataagca	atgtgttaat	aacttctcag	attccgttgg	360
atttgcaaat	tttgtggact	ttaaccctag	tgggtacatgc	atagcttcag	caggttctga	420
tcaaaactgtg	aaagtctggg	atgtaagagt	gaacaaatta	ctacagcatt	accaagttca	480
cagcgggtga	gttaattgca	tatcattcca	tccttcgggt	aactatctca	tcacagcttc	540
ttcagatggt	acccttaaga	ttctggacct	cttaaaagga	aggctcatct	atacacttca	600
aggacatacg	ggacctgtct	ttactgtttc	attttcaaaa	ggtggagagc	tatttgcatac	660
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tcttcatctt	ttgagattaa	tccaaagctt	gaggtaatcg	atttgcagat	ctctactccc	900
cctgttatgg	atataccttt	ttttgattct	accacaacaa	cagaaaccag	tggtaggact	960
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cagaatttcc	acagcaagaa	tacacttatt	ttaatttaaca	atagcacaga	tatagcatag	1860
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atcatcttcc	tatttaaatga	attgtgattt	aaaacaaaat	gaaaataagc	cagggtattct	2220
aaaagatcct	ggatacaaat	taagaatttt	gctttatttt	aaaccaaatt	gagattaaat	2280
tgaagaaaag	caagcaaat	aatttcagct	tgattatcaa	cctgtatcaa	gaacaaaaat	2340
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ttttggaaaa	gaagaaatag	tgccgtccta	tttatttcta	tatttagaaa	tttttctcaa	2460
agaaatttca	attgtatcta	tgagatgggt	ttctaagtat	cttattgtgt	gttataagtg	2520
ccttttaata	tcatactaag	tgtgagcttc	tggacatttt	caagagctta	caaaaactaa	2580
gtggcattgt	attttttataa	ccccattgag	aagactaagt	aagaaatgaa	atgtcctatc	2640
aattttattt	tgtcatgctt	caaacaataa	agacatttct	gctttaaaag	aaaaaaaaa	2699

<210> 5618
 <211> 1607
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1309)... (472)

<223> similar to gill150426 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 5618

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atgggaatga	gaagatgcta	taggttctct	aagtattgca	cagtctgaaa	aaataacaaa	180
aaaagggaag	gggaggaaaa	aaaaaatcac	atgatattgg	gaaccatctc	acattatgaa	240
taatctacca	agaaacattt	aaaaaagaaa	accctttggt	tctacagtag	ctttaagttt	300
atagtctctg	gaatgactgt	attccattga	agacatctca	gtaacaggaa	gctgttttag	360
caatcccatg	tgcaaatatt	aataaaaaat	atataaaata	atgcaattca	tctcttgctt	420
tcaccccggc	aatcatgaca	tttctgagaa	ctgttttgct	tgaaaatggg	ttaagctgta	480
agttttgcct	gaagctccat	ctctgcagcc	cgtttgagtg	caacatccac	tagaagctga	540
aatccactga	agtcctggtt	gaggtccggt	ggagtagggg	gaggagtgtt	gaaaagacca	600
ctctgtgtat	tcgtacttgg	tccagatcta	caagtgtccc	tctgggtaac	atgaaaagag	660
gtgtcctgtg	aaagtttttg	gcccgcctat	ctgcctgtaa	tatctgtgtt	ttgtccccac	720
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cagatcactg	atggacgagc	caaaactgat	cccagggat	gaccggctta	ggagacagtg	840
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gagctggcat	gaagtttttg	atgcccatca	cggactccac	agagctcgtt	tcagaaatct	960
tggccccacg	gcgggaaatt	gtgaaactgat	ttggatcttt	gccatccttt	ctcagcatgt	1020
cagggaggag	cctgcggcgg	gcgttgatga	accagttaca	gacctgtagc	gtagacaggt	1080
gtgtttgctg	ggacagcaac	gctttttctt	gctctgaagg	ataggcattg	taacggtgct	1140
catacagcca	atcccgaaga	atctgcacag	actccttggg	taggttgccc	cttctccttc	1200
tcttgcttga	gccagcggat	gaagaaaggt	ccaagggaat	gtccatgctg	tcctcatcct	1260
cagtctcact	gccagatgct	gcaacaatac	ctttcttgcc	tttcattctg	gatctcccct	1320
cccagcgcga	ggcaaggcgg	gggtctggag	gggccaggag	cggggacaca	ggggataagc	1380
gaacgtctcc	ttcacagccg	actctcccgt	aacttgtagg	acgtgctcca	gccgttattg	1440
ctaaacagga	cgctctgata	ccaggcgccc	gctccttggg	tggaattcaa	gtgacacttg	1500
ggcttcctcc	cgccgggata	ttctggcagc	cgcccggggg	ctctcctctg	cccaactctc	1560
tccctcccc	tctccgctcc	tttgttccct	gtcctgtctc	ggcgcac		1607

<210> 5619

<211> 1529

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1519)...(728)

<223> similar to gi3002527 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 5619

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gtgattttct	acacagaagg	tcatgtcgtc	tacaaacaaa	tgtaatttta	cttctttctt	120
tctgatttgg	atgagtttga	tttcttttgc	tatttaattg	ctctggctag	gacaggcagt	180

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attgattgaa tagaaggggt gagagcattc ttgcatcatg tgagatcgta caggaaagca 240
ttccattttc cctgcttggt tatttactca tttgtcattt catggatggt ctttctattg 300
ttgaggtaaa tttccttttc tattttgttt aggatttcta tgatgactgg attttgaatt 360
ttgtggaacg ctttttctcc atctactaag gtgatgtggt tttaatcttt cattctgttc 420
tagtggtata taacattgat ttgcttgaat atggtgaacc atccttgcat ccagaaata 480
actggcactt gaatatctac atttttttta tatcctcttg aatacagttt tctaggacaa 540
gggatcttca agaagtctcg gaaaaataca tattatgaga aaattgtgca tgaatttcac 600
aatttttgca ccaaaataaa ctagtgctag tctgttataa catgtctgaa caggctctag 660
tttgatgccc tcaaaaggat aagacatgag tataaaaaga gactccatca aagcaatata 720
aattctgatg aaattgaaac aagaagaaac attaaattta tgatgagacc agatgcagtg 780
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atgcatgaag cagcaggcag accttccaca tcatttttac agaaaaaaaa attaatcttg 1260
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acagcctggt taacatggtg aaacaccatc tctagtaaaa atacaaaaat tagctcagca 1380
tggtggcatg cgcctgtaat ccagctact caggaggctg aggcagggga atctcttgaa 1440
cccaggagggt ggaggatgca gtgaactgag atggcaacat tacactctag cctgagcaac 1500
aagagcaaaa ctccatctca aaaaaaaaaa 1529

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<210> 5620

<211> 4494

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (4482)...(3139)

<223> similar to gi4240263 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 5620

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tcaggcgagc tacaagttgg ggcactgcat ctttgtgga tggatttccg ttgctgtgtt 180
cctcacaagt ctaaaaaaaa ccagttgtag agcggagctc cttgttcaag caccggataa 240
tgatgcccc ttttttgcatt tctgggggtt atcgctcctt ctcaattgaa ggttctaggt 300
ctttgcttgg ccttggcacc attagcaatt ttcacaactg ctcaattgaa ggttctaggt 360
tcttttttagc ttagttttta agagacaagt gttatcctct ggccatctct tattcaaata 420
tcatggtgga ggcaagcaag gagaaagaag tatttgctag aggaaattct gcagaagtgg 480
aagaaaagac cagaagggtc ccaactgagg tacaatatc caactgactc caatcgagtg 540
tctttgcttg gtcacttccc atggttattc agctcaatct acaacttcag tcgtgggagt 600
gcagaacaaa acttgaaaca agtgctttta gttgatgatt tgccatttgg aaacaacagc 660
tgaaatatcc cagaggtgat gtggaaacaa gagcaaatgc ttgcagatca ctggcttctc 720
agtgtcttct ccctcgagc tctcatcaaa atcccaaaag tccttaggag taacacagat 780
tgtactggca ttaagtgaac aaatgtgcag cctgtatttg actgaggagg aaaggaaatg 840

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gcacctaggc	agcagcgcta	gggtcagcaa	ggagaccggc	ctaggggtctc	agtaaagcag	900
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aagtaaattg	gaaggccgcc	ctaacagttg	tactgacata	aaggagagacc	cttcttaata	1020
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cacactgtag	aataagaaga	gactgaatta	tgatggaaaa	aaaaaatcgt	aacttcccca	1140
aagaggtgtg	gacagtgtac	ctagcctcac	aaaggctcct	aataccctcc	tgtgtgctgc	1200
cagggaacag	ctgtgaattc	cagatgggga	ggaaggctct	gacttaagtg	gaaaaattcc	1260
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gagtcgggcc	ctcctgtagc	gtagggggat	tgggccacct	cctctgaagg	gatgcagggc	3240
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gagaataaga	agtcgtggat	tactgttaga	gactgtgaaa	agtggaatcg	tctctctact	3360
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cagctgtatt	aacctgcagg	ggcgtgatg	gaggtgggtt	gaaaacacta	ggtacgccct	4320
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tatggcgaca	ctgatccata	gattcgatgc	cagtgcagatc	ctgaaactgc	agcagcttct	4440
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<210> 5621

<211> 1719

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (412)...(286)

<223> similar to gi3249110 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 5621

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aaagctgtta	cgcacagttc	catagtccag	gtggtcaatt	tcttcctctc	aaagttagaa	180
aacacttgaa	ggacacggga	ttcaaaaaaa	cctttattaa	tttttaacac	tttctttttc	240
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09495756210

<210> 5622
 <211> 5769
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (344)...(2898)
 <223> similar to gi5689541 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 5622

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aaaaaaaaa						5769

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<210> 5623
<211> 2478
<212> DNA
<213> Homo sapiens

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<221> misc_feature
<222> (1)...(2479)
<223> n = a,t,c or g

<220>
<221> misc_feature
<222> (1900)...(889)
<223> similar to gi5262615 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

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tcctccaggt cacctgccag gtggatgcac ttccttgggc aatgggtgac cctcccagga    240
caaggggaac cagcagggac tcgatggcac cacacagcag ccacctgttc tgacaatgtg    300
acacagacca actaatgcca gagcccagga gaagccacag cagagctgcc tgggttggtg    360
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gcgagcctgg gtagaccgt aagtcatggc gttaaagttc agacaatgag agtgaaaggt   1920
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<210> 5624
<211> 4287
<212> DNA
<213> Homo sapiens

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<220>
<221> misc_feature
<222> (191)...(3290)
<223> similar to gi3882213 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

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<210> 5625
 <211> 4593
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (89)...(4021)

<223> similar to gi559703 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 5625

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<210> 5626
<211> 1635
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (465)...(229)
<223> similar to gil296427 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

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<400> 5626
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<210> 5627
<211> 4368
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(4369)
<223> n = a,t,c or g

<220>
<221> misc_feature
<222> (3700)...(1904)
<223> similar to gi3882187 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

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ctcatctctt ctgtccaagc attttctgta aaagaaagaa aaacggacgc gtggntcnnc 4320
ccgggnnttg gcnagaccac gttgcnctaa gttcaaggcc ctggctcc 4368
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<210> 5628
<211> 2410
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (373)...(2244)
<223> similar to gi3560144 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters
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acccacacac aggaggatct aagcagcaag attaaagaac aaaaaattgt ggtggatgaa 180
ctttctaacc ttaagaagaa taggaaagta tataggcaac aacagaacag caatatattc 240
tttcttgcat accgaacaga aatgctgtct gagagcaaga atatattgga tgaactgaaa 300
aaagaatacc aagaaataga aaacttagac aagaccaaaa tcaagaaata gtcaacctga 360
tttcacataa caatgtgtgg catttggtgt tctgtaaact tttctgctga gcatttcagt 420
caagatttaa aagaggactt actatataat cttaaacagc ggggacccaa tagtagtaaa 480
caattgttaa agtctgatgt taactaccag tgtttatttt ctgctcacgt cctacacttg 540
aggggtgttt tgactaccca gcctgtggaa gatgaaagag gcaatgtgtt tctatggaat 600
ggagaaattt ttagtggaat aaagggtgaa gctgaagaga atgacactca aattttgttt 660
aattatcttt cctcctgtaa gaatgaatct gagattttgt cactcttctc agaagtacaa 720
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<210> 5629

<211> 2102

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1760)...(663)

<223> similar to gi4406590 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 5629

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cctacgactc	ctggtcaccg	tggtcccggg	cccttctctg	aaaaggggca	tccccagccc	120
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<210> 5630
 <211> 4790
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (4607)...(903)
 <223> similar to gi5912263 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

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ggctttaatc	tgattctcaa	aaggatccta	tgatccaaga	aagtttaaga	accattgaaa	180
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<210> 5631
 <211> 4079
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (248)...(3126)
 <223> similar to gi6002669 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 5631

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taccaaagaa gatggagagt ctaaaatttg gatatgattc ttatgttttt ttaatagaaa 4020
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<210> 5632

<211> 2276

<212> DNA

<213> Homo sapiens

<220>

<221> misc feature

<222> (116)...(15)

<223> similar to gi5080758 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 5632

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ccacttggtt gtgactttca gggatgtggc cattgacttc tctcaggagg aatgggaatg 180
cctggaccct gctcagaggg acttgtacag ggatgtgatg ttggagaact acagcaacct 240
gatctcattg gacttggaaat ccagttgtgt gacaaaaaag ttatctccag aaaaggaaat 300
ttatgaaatg gaatcactcc agtggggaaa tatggggaaa cgtatcaacc atcacctttc 360
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tatataaaaa tgctctgaag ttaataaaca caggaatacc tttagcaaaa agccaagcta 660
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cttatcagtg taacgcatgt gggaaagctt ttattcgtgg ttcacagctc actgaacatc 840
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ctccatttca	ccatatccta	actgaaaccc	tatatatttc	ttgtgtgttc	ttttctatatt	2220
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<210> 5633

<211> 795

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (292)...(12)

<223> similar to gi809078 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 5633

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aggagtgttc	tctatacctt	cattagaaat	tattgttttt	gactgccttt	tagtcctctg	180
ttcccttact	aatatcatct	tgttttatta	ttattacaga	aagtggggta	ttgaaatatc	240
ctactataat	tataattgctc	tattcaactt	tgtagtagtatt	tgctttatat	atttgaaacc	300
ccaatttgag	acacacacac	gcacaaatac	acacatggat	aaacaaattt	gtcatagggt	360
tccatgaatt	aatctatata	ttgttttaatg	tccttctttt	ttgaagtttt	aactttaaagt	420
acattttata	aaatatgaca	gcttttgact	ttaacaatgt	agcttgtgta	atattatttt	480
gacctcttct	gctctcattt	tgtagtagtatt	tacatgaaat	ttctacttgg	tcttgccact	540
ttcagtcttt	tcttatcatt	agatctcagc	tgactcttgt	aaaaaggcaa	gttgagtctt	600
gattttttaa	attttttaat	gagccttttt	agaagtatgt	ctcttgattg	gaaagataat	660
tatattttaa	tagttttctg	aaagagaaaa	acttactgtt	aataaaataa	ttgtttcgct	720
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gctttgagct	ttttt					795


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<210> 5634
<211> 4570
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(4571)
<223> n = a,t,c or g

<220>
<221> misc_feature
<222> (4545)...(329)
<223> similar to gi36110 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

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<400> 5634
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gcactccata aatacatgtt gcaggactgc cctcactggc tcaactctgt gagtgaggga      180
cctaattggg cccattttacc tattgcctct gaaagttaaa gggcaggaac aaggtggagg      240
gccactgccc tctggccttg catggcccag aggcagcttg gggtagctc aaggcagcta      300
agcagggtcca gcccaagaac taagtcaagt gggccgagga ggctctgaga gtggccgggg      360
ccnngcgtac aattccctgg catggggtga gaacgggggc tgttctggac gcacattcca      420
tctcatgcga gctgctgggg cccaagttcc atgtaggggt gctggcagct gcacataatg      480
gggtcccaag gaagtgagga cactatctgc tccacctccc ccactagta cttctgaagg      540
tgggtcgcac ttgctgggtc tgctccag catgtctgca tcaacttggt cagagaaatca      600
aggcaatact caggctgggg caggcgccga ccctggggcc cagaaagtgg gtaaggtcaa      660
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caaatgacca cacatcagac ttgggtggtaa atctataggt ctgcaggctc tccagcgcca      780
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gcagacctgc aatggggcac catcctggcc aagctgcagg gatgggggca gggggcagac     1800
aaccatgtcc ccccggaact cgtgctggca gctctacca cccacggtca cgttgatacc     1860
cacacagtca gccacagcgc ccagcccaat atactcaaac ttaatggcat gtcctcagc     1920

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<210> 5635
 <211> 1949
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature

<222> (1813)...(335)
 <223> similar to gi4309889 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 5635

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aagcttgacg	cctccgtctt	ccatggcctt	caggaaatgt	accattaaaa	agcttgtaca	1380
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tattcaataa	ctggttttcc	atctttactc	tgtttttcaa	ttataggaca	ccgaacaacc	1500
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gtaaagattt	tgcagggttt	gatgggctaa	atgtccttgt	aaactgtaca	atagcttcac	1620
acaatccgac	atttctaate	ttctcattct	tttctacctc	atttggtatg	taaaataaaa	1680
tcttattttc	ctcctgtcct	tcgcgcggcc	cgaagcgcgg	gttgtagatg	aagaaactca	1740
gcagcgcggg	cgggaactgc	ttctcctggg	ccgcccagg	cccgtccccg	gccccggccg	1800
tcgctgcgct	gcagccatcc	tggcccggcc	cccacctcag	gaagcctccc	acggcccggc	1860
cagagaccga	gaaaatctct	taatttcagt	ggaactcagt	ttgtttctct	ttttaaacat	1920
tgccagttat	aaatgtattt	tattttaaa				1949

<210> 5636
 <211> 947
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (290)...(191)
 <223> similar to gi2276308 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

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ctttaagtgt	aactgagaat	ccgttaaata	tgcccttgta	cttttggggg	tccacctgca	1140
tacggcattt	cactaaatcc	aggggaacca	cagcagtgtg	tgtcagacca	caacttaaga	1200
ccccaccaa	gccacacagt	gcataatact	tcgcgagacc	aaattcaca	ctgtactctg	1260
tagtaagaga	agacacacca	tgcatTTTTa	tataaaactc	atgttactgg	tcataaactt	1320
acctcctgga	cagtttaggt	tccacacagc	ttgttagatg	actatatctt	ataacttaac	1380
agtcagtcac	gcttcaatat	gctctagtc	agcatgcaaa	acaaacctgc	attctgcatt	1440
taaccagatc	tagaggaacc	aatgctgtat	gtgtttgtgc	acagctaata	attcctccaa	1500
gtccacaaag	gataaagaat	ctgccagatc	catagtcaca	gctatactgc	tcttccacgg	1560
cggcggtgc	caggttgcca	gggcggcg	gctggcccg	gggccctggg	gagctgctgc	1620
ggaggtcccc	gagaccatcg	tgacacagct	gcagatgtgg	cgtgttgaag	gggttcgccc	1680
gcgccaggtg	cgccacggac	gagaacatct	tttccctaag	atggcgatca	cacaaccact	1740
cccttgga						1749

<210> 5638
 <211> 1600
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (1582)...(1283)
 <223> similar to gil419759 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 5638	
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tagagcaact	gctctgattg
aggaaccaat	tattacattg
ggagatgggc	actgagaaa
tgtacttcac	aaacgcctaa
tgacaaacgc	aaagtggcca
tgaattttctc	catcgtcaac
gttctctaac	ccttgcatcc
aagagggtgg	atgacatgct
cgctataatc	agaagaatgt
tcaattggct	tcaaggaaatt
actagtaacc	agcttctaaa
gcccggaaac	aaaaccgatg
ccccctgtct	atggccttaga
cctgctcttg	aaatcgtgca
aagatgccat	acaatgaagc
cgaatcatca	ttggggatcg
caactgaaga	aaagaagaag
gtttccccag	accataacaa
gagctgaaat	gcagcgttta
ttctgtgggc	agtgggctca
ggccacgggc	accggcaaat
gatcgctcagc	gctgactcca
ttctgccccaa	gagcagagaa
gaccaattac	acagtgggtg
aaaattccta	ttgtttgtggg
cttgtaaagtt	cttgtaata
cttgaaaagg	aggatgggtct
gctgccaagc	tgcatccaca
agtttttgaa	gaaacaggaa
ccccttgagg	gtcctctgaa
ttctagatga	gcgcttggtg
aactaagaga	ttttcacaga
atcaacatgg	tatcttccaa
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acctgtgtga	cctctgtgat
aatccaaatc	ccacttgaac
acaccataga	aagtcagagt
ccccagggca	gaatgatcaa
ttggaaaggt	ggtggggatc

cagttcagga	gggaggggta	tgtttgtctc	ccagtctggg	caaaggagtg	ctatgcggaa	1500
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<210> 5639
 <211> 4405
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(4406)
 <223> n = a,t,c or g

<220>
 <221> misc_feature
 <222> (4312)...(2392)
 <223> similar to gi30866 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

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ggtgagctga	ggcagtcgag	gctgcagtc	tcgagtgggc	tcaggagaag	cgtaagctga	120
gcgtgttgca	tattcacgga	gtctacacca	accctagtgg	cattgtcctt	catccggctg	180
gatatcagaa	cgtgctcagg	aacactgaag	tcatgagaga	aattcagaaa	ctctacgaaa	240
acaagtcatt	tcttttctctg	ggctgtggct	ggactgtgga	tgacaccact	ttccaggccc	300
ttttcttgga	ggctgtcaag	cataaatctg	acctagaaca	tttcatgctg	gttcggagag	360
gagacgtaga	tgagttcaaa	aagcttcgag	aaaacatgct	ggacaagggg	attaaagtca	420
tctcctatgg	agatgactat	gccgatcttc	cagaatattt	caagcgactg	acatgtgaga	480
tctccacaag	gggtacatca	gcagggatgg	tgagagaagg	tcagctaaat	ggctcatctg	540
cagcacacag	tgaaataaga	ggctgtagta	catgagcgag	ctagagaaat	caccaccggt	600
tagaccaagc	tgtaaggccc	tactacagac	agtgtttaac	aagtaaaact	tacaagaacc	660
caacacaatt	ccccagaaa	taacaatagc	cagaggttga	agggcggggt	agaagagggg	720
ggaatgttgc	aagcgtaatc	cttcatacca	ccctggttct	tggatattct	gccgcctggt	780
caagttcaag	aataaaaagc	aacagcagga	ccccaaatgc	agctcccca	ccccactccc	840
ccaggcctag	acatgccttg	tgtcccacac	agcacaccca	atgtgatact	tcccactgac	900
ccggctgcag	ctctgcatga	aggactcggg	gtcctggatg	cccatgggaa	tcactgtggg	960
ctcttggtgc	agttttgtac	ttctattact	tggttttttc	aattaagctt	aatggctttt	1020
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ccatagaatg	gtcagccaag	gctctgttga	acttgaccag	ctgggtccacg	gcttcattgc	2640
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tgaagcacc	agagcacaag	cccgccttgg	gagaaaatgg	tgaagaaagt	cgagcatggc	4320
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<210> 5640
 <211> 7027
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature

<222> (70)...(2426)

<223> similar to gi4688902 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 5640

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ggcagctttg	gaagaagtag	aagggtgatgt	ggcagaattg	gaactaaaac	ttgaataaagc	180
ttgtgaaact	ttgtattgcc	aatgattgat	actggaaaag	ccttttgtgt	tgcaaataaaa	240
cagttcatga	atgggattcg	agaccctggc	tcagaattct	taataatgat	gcttgctcgtt	300
gagaccaagt	ttgcccccaag	ttttctggac	agtcttcaag	aaatgataaa	ttttcacaca	360
atcctgtttg	accaaactca	gagatcaatt	aagggcacag	ctttcagaac	tttgtaaag	420
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094003E-01E100

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tgtaaagtga	gcaaagtaca	ttatcttcta	aaatgtacat	tatgtaagaa	ttgtaaatat	6960
acttaagtaa	tttgtatgcc	aaaaaattac	aataagtcaa	taaagatctc	acctctgaaa	7020
aaaaaaa						7027

<210> 5641
 <211> 3844
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(3845)
 <223> n = a,t,c or g

<220>
 <221> misc_feature
 <222> (893)...(3611)
 <223> similar to gi3413882 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 5641	
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ttaaagaaga	agttggatca
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ggaggtgagg	aatcccagtc
gtgacagata	atcgtgatgt
aaaatcattg	tcgaggacag
gtacctacaa	agccaacaga
accatgacag	caactccacc
gcattggctt	tgccaaacct
agtttaacat	cagtcattgaa
acgcccacca	gcaacagcat
acatctcaca	accctctggc
catgtctgca	ctttccaaaa
tttacttcag	agtgttactg
ttcagcctcc	cctgccaaca
tgcccaacct	tttattccca
ctcttcaact	tcagccagca
ttttaaacta	ccttccaaca
cccacctact	gaagttacca
gaaaacgctg	gaatttttcta
tataaaacct	ttgctaaccg
acccttccag	atcctgaaga
actggttctg	agtctccttt
gagagtggaga	aatctgccac
gaactctcag	atgtggaaga
agtcagctgt	atccacttct
catgtacccc	agtgcctgtg
cctgtgaata	cttctctttc
gatctggcaa	agatcagttc
catcaagacc	ttctccagga
ggcctgaaaa	cacctgcacc
agatcagccc	agagagcatt
gactgcaag	gcctgtcatc
gaagctgcct	cacagagcac
ggaagaaatc	tgccctccag
aactcatcaa	cttctgaagt
ccagggtccc	caagcactgc
cacaatacta	gccctgctgc
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aaaa						3844

<210> 5642
 <211> 390
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature

<222> (312)...(2)
 <223> similar to gi4379237 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 5642
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 ataattgttat ctcttccaag tgaatgcaaa ccgtgtctga gcctcctctc tgatgggat 180
 tggaaagaat gcctttctcc caggccagt accacataca agttccagag gccctgctgt 240
 cctgttgtac taaggatacc acgtctagca cagcacctgg actatgggtt acagcttggt 300
 taagtttatg taaccacta ccattcacca taatccatct ggcttctact ggggccatat 360
 tggatgaatta aagtctctga aagtagaact 390

<210> 5643
 <211> 2152
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(2153)
 <223> n = a,t,c or g

<220>
 <221> misc_feature
 <222> (1405)...(912)
 <223> similar to gi3874447 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 5643
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 agcctggggg ctgaggaccc cgaattgtgc agggggcggg gaagaaaaga ggtgaaggca 120
 aaaaggcagg caatgcagag acaccgtggc ccaagcagag ggggtgcaag gcaggcacag 180
 agcagggggc ctgatggcgg attggggagg tggagaaccg gtcagccctg cctagacctt 240
 gggactggtg acaccacaaa ctttgaaggg ctgccctccc ccaccaggaa tggcacttgc 300
 ccggggcacc cttgtgggga gggcccagct cctccacctg ccctgagccg ggtccagctt 360
 tcacaaaggc cctccaccc aggaacttccc aacctgcag actcccgggtg gagggcagga 420
 agctggggtc tggggcccag ccgggacgtg gaggtggggc ctatgaggga gcagatgaag 480
 ttgttggtgg ccctgggacc ctgggcaagt ccctaaggaa cttccaggat cccatagaag 540
 ccctgagcc agctaagaag ggaagggaagc agaaccacac gaagcaggac ggcgctccaa 600
 cgaggcctgg cccctcaaac ctgctcctgt cggggaagct caggagcaga taggcgaaaa 660
 gcagggggac ccacctgggg ggagggggca gcagacagag cagccaggcg ggcagcagag 720
 cagggacacg cacacacggc tcaccaccag ccccccttt aataaaacat gggggggggg 780
 tcatgtgaca ggaagaaggg ggtgaaatag gaccatttta caaccacaga aaaacctctg 840
 taacaatgtc ctaacgccct ggcaagaagg gggcaaccag ggcaaccaag cgggctggaa 900
 ccagcccta tttttagtag gatatcgtg tgtcccaggc cggtagagaa ggtagacctt 960
 tgggctcgga agccctcagg gaaagatgtg cggattgggt gttgccgccc tcgncccgcg 1020

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ttcatcatag	gccagacagt	taacaccaga	aaaagtcgca	ggcctcaggc	acagatcccg	1920
caggccccct	acatcccagg	gccgcctacg	acatcccga	tggccccgcc	ggacctttgt	1980
gctccgtagc	ccagcgaaac	tcgaggccct	cacggcgcg	gccgcgctg	gagcaggccg	2040
gggggctcgg	ccctggcgta	ggcctctctg	cctgactgca	aggacagggg	cgagagggct	2100
cggggcccc	ggagccagga	gccgagggt	tgggcagagg	gcggagacga	aa	2152

<210> 5644

<211> 2044

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(2045)

<223> n = a,t,c or g

<220>

<221> misc_feature

<222> (1888)...(617)

<223> similar to gill150421 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 5644

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caaggaaaag	atgcaaaacc	acttcggggg	taatcagtga	aatatatttc	ccttcggtgc	180
ataccagata	ccccgggtgt	tgcacgacta	tttttattct	gctaatttat	ggacaagtgt	240
taaacaggaa	caaggaatta	ttccaacaag	ttatggcaac	atggtgctta	ttttcaaagt	300
acagtttaat	gtctaggtgc	cagcctttga	tatagctatt	tttgtaagaa	catcctcctg	360
gactttgggt	tagttaaatc	taaacttatt	taaggattaa	gtaggataac	gtgcattgat	420
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ccaagctgga	actccatcct	tgatcgggta	gggatttttt	aaatcccatt	tttggtaaaa	540
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ggctgaggca	ctttaatttt	cttgagcagg	gaaggaggtt	tcttcccaaa	cttcacccat	660
ctggggatac	tgggtgtttc	ttttacagga	ttcctccttt	aatttctgtt	gagtagccgg	720
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caggaatttc aaactttttg gccatcagca atactgagag gttctcattg aactgcccc 960
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gagtagtcag ggtccgtgtg catggcggtc gcgcctgggc ccccaagcga cgtggggaag 1920
cgcacgtccc ggaccgagag ccgggagatc ctgccgcgca ccatggcccc tgcgccccgt 1980
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cgag 2044
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<210> 5645
<211> 5154
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (296)...(5089)
<223> similar to gi5817151 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters
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actaattgca gataattaag agaatatgcc ttctgcatcc tgtgatacac tactggatga 180
catcgaagat atcgtgtctc aggaagcaca gacaagggtg tgtttgacag agaaaggggc 240
tttcttggtg agataaaata gtctcttctt gtatttctct cttttctcct tttttagttg 300
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cttggcatgg gcaaccaata gcatcgtggc tgcaggctgt gatcggaata ttgtagccta 480
tggaagagaa ggtcacatgc taaaaacttt tgattatagc cgtgacctc aggagcggga 540
gttcaccaca gctgtatcaa gtcttggggg ccagtctgtt gtgctaggaa gttatgacag 600
gcttcgggtg ttcaactgga tccctcgaag aagcatctgg gaagaggcaa agcccaagga 660
gattaccaat ttataacca tcaactgcct ggcttgggag cgggatggct cacggctctg 720
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<210> 5646
<211> 1690
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(1691)
<223> n = a,t,c or g

<220>
<221> misc_feature
<222> (1654)...(764)
<223> similar to gi563377 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

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<212> DNA
 <213> Homo sapiens
 <220>
 <221> misc feature
 <222> (524)...(1397)
 <223> similar to gi4091782 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

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<210> 5650
 <211> 5221
 <212> DNA
 <213> Homo sapiens
 <220>
 <221> misc feature
 <222> (5105)...(1520)
 <223> similar to gi452755 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

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gcatggcggg gccggggcgc tcagtctctg tctccgctgc aggggtcgct gcccgcgcc 5160
tcggttggtg gttctcactc tgcgctccgc tgtgccttcc ttttccttcg atcaggtggt 5220
c

```

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<210> 5651
<211> 5553
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (52)...(5295)
<223> similar to gi2347136 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

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<400> 5651
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ctcttgttct	ctccttctgt	ggttcatctg	gggtccccc	tatcgggtggg	ggtgcagctc	180
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<210> 5652

<211> 1669

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1643)...(1413)

<223> similar to gi288145 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 5652

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gtgcctgaat	ttcagtggcc	tcagcctgag	cctgcctcac	aaccagtctc	tgcgggccag	240
caacgtgatt	ctccttgacc	tgtctgggaa	cggcctgcga	gagcttccag	tgaccttctt	300
tgcccacctg	cagaagcttg	aggtcctgaa	cgtgctacgc	aaccccttgt	ctcgtgtgga	360
tggggcgctg	gccgcccgt	gtgaccttga	cctgcaggcc	gactgcaact	gtgccctgga	420
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ctatgagaac	atgtttgtgg	gccagccagc	agccgagcac	cagtgggatg	aacaaggggc	840
tcaccttca	gaggacaatg	acttttacat	caactacaag	gacatcgacc	tggcttccca	900
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gacaggaggg	tactgtgcc	aatcctgtca	tcacctcct	gtggatgtac	aggcagtgtc	1260
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gggatttctg	agttctaaga	ccaagtctcc	atctgagact	cccaaattgc	tccccacctc	1380
ccatccctgt	tttttttgt	tgggtggggg	tgtttgtttg	tttttgaaac	tgagtctcac	1440
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<210> 5653
 <211> 1833
 <212> DNA
 <213> Homo sapiens
 <220>
 <221> misc_feature
 <222> (71)...(1833)
 <223> similar to gi443940 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

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caaggaaaag	acatacttaa	gggatcagca	ctttcttgag	caacaccctc	ttctgcagcc	480
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cagggagacc	ttttacttgg	cacaagattt	ctttgaccgg	tatatggcga	cacaagaaaa	600
tgttgtaaaa	actcttttac	agcttatttg	gatttcatct	ttattttattg	cagccaaact	660
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aggagatgaa attctcacca tggaaattaat gattatgaag gcccttaagt ggcgtttaag 780
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attttttaaat aaagataata ctgtttttga gac 1833

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<210> 5654
<211> 855
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (310)...(809)
<223> similar to gi3025832 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

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<400> 5654
tgactgccc tagaggaaac gacattcgga gctgcgctcc cgcccaggcc ggccctgccg 60
cgggcctcgt cagccagtaa cagggagcag aggtgggagt tagcgaggcg accacgaaaa 120
cgggtgaagg cggaaccgac agcctcctcc gagaagggca ggagctggga ggaggcggca 180
gcggcggcgg cagaaacagc agcggcggcg gcggcggcag ctgggaggag gtggtgacgg 240
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aggagttccc cttcgagagg aggcagattc ccctctacat agacgacacc ctgacgatgg 360
tgatggaatt tcctgataat gtgttaaata tcgatggaca tcagaataat ggtgcacagc 420
taaagcagtt cattcagcga catggtatgc ttaagcaaca ggatctaagt attgccatgg 480
tggtgacatc acgcgaagtc ctgagtcgac tttctcagct tgtcccatgt gttggttgtc 540
gtcgcagggt ggagcgtctc ttttccagc ttgtagagtc tggaaatcct gctcttgaaac 600
ccctaacagt agggcccaag ggagtcctgt ctgtaactag aagctgcatg actgatgcaa 660
agaagcttta tacattattt tatgtacatg ggtccaaact aaatgacatg atagatgcta 720
ttccaaaaag taagaagaat aagagatgtc agttgcactc cttagatacg cacaagccaa 780
aacctttggg aggttgatgg atggatgtat gggaaactaat gtcgcaggaa tgcagggatg 840
aagtagttat aattg 855

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<210> 5655
<211> 5663
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(5664)
<223> n = a,t,c or g

<220>
<221> misc_feature
<222> (5501)...(2237)
<223> similar to gi33942 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

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<400> 5655
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cacatatata atgctgtggt acgaaacaat gaacactttt ataaaaaatt tatttcacac 120
ttttatacaa atatccacag gtaatttcta atcatgaaat aatttttaca tgctagtttag 180
tacaaaaatg tatcaaatgc aaacagacca gtgacttgac ttgagatgac atttttaaca 240
accataaatc taaacaccat aacatctttg tttctttggt gaaccaccct cccaacaccc 300
ttttcaggac attcatcttt ttttttagtaa cacaggtcta aaaacactgt caaagtatca 360
gctccttagc aatctagcaa tctaaacaca ttagggacac aagttcccca agcaagaaac 420
tgagacttta aacactgtta taacctgttt tacagaaatt ttgttaaaca aaatatattt 480
tgtgactaag aattccaaag tacaaccaa acaacgtcct tagtatttta aggtttaaga 540
tttccgaaaa gaaaaaagcc ccccaaaaac aacagtggcc ctacaaactg tgttttattc 600
tttcaaaaca cagacactgc ttatactata tccaaaacaa attagcacct gtttgctggt 660
gctccccata taacttaaca ttgtgaagca tggtaatata aaaaaatcag ctttcatatc 720
tattcagtct ctgttgaatg tatagagtaa tcattccacc ccctgccatt tttacaatta 780
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ccaaattgaa tttctgagtt ggaaaaagca gtttgggtac tgtgaagctt tttttttttt 2040
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```

gacgcacggg gaggggagcc ggggaccctg cagcggccgc cctgcgctcc gggctgggtc 5580
cgaggctgcc gcgctgctgc taccgcagcc accttcgcct cctctcgccg ctgcgcccgg 5640
ccccacccc gggacggtcg cgc 5663

```

```

<210> 5656
<211> 610
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (8)...(529)
<223> similar to gi498734 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 5656
cggaggaaa ccttttgagt tcaaagaagt gtgtgaaagc cttgagcatt cgaaaaagcc 60
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agggttttac ccgcatgtca gggctcacia ggccccagtg gattcatact ggagagaaac 180
cgtatgtatg cgtccaatgt gggaaagcct tttgtcggac cgcaagcctg attcgacact 240
ttagcatcca cactggagag aagccctatg aatgcgtgga gtgcgggaag gccttcaacc 300
gcaggtcacc cctcacaagg caccagcgga ttcacactgc agagaagtcc cacgaaccca 360
tccagagtgg gaacgtttct tgtgagagca cagatctcat tcaacactcc atcatccaca 420
ctgagagtga cccagtgaagt gcagtgaata tggaaacgcc ttcaattgcc gctcattcct 480
cctcactcga catcaacgga ttcatagtgg aagaaaccct accaagcaca gcagatgtgg 540
aaagggaagg ataaaaatgc ccaagaccaa acgaaagaag aaacacttta ttttcattgc 600
aaaaaaaaa 610

```

```

<210> 5657
<211> 1107
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1095)...(644)
<223> similar to gi3668416 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

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<400> 5657
ttttttttt ttgatggcta cttataatth atttataaaa cattttacca gtgagtgatg 60
tctcaagtga gaggtggtaa cagatacaca aagcagttta tagcatgcaa tatttcaatg 120
cctctgagag gtagaaacag cttgtgctct cagatggccc tcagtccttc cccttgatc 180

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```

ctttctgtcc tagactgtgt cctaactgct cacaaggggt cagcggcatg caaacagtct 240
ttaattgggt ttcttcaaag agggcattgt tgactgggaa agactgggct tgtattttaa 300
ctctggctct ttttgcaa atctgaccag attacagaca gcaccacccc atattactcc 360
ttccggaaca gttaactgga atctgaccag attacagaca gcaccacccc atattactcc 420
aatggctaag acacagcatc tttgattttc tgtatgtcat aacattctga agcttgagtt 480
accgatggag ccatttttgc aactacacat cctccttata gttccttgctt tcctttcaag 540
cagatcacag ggcccagggc aagatgattt ccttgaggag aagtagcctg agccttagaa 600
atgcaatttg tataactgac cagcctggct ttccccctcc tttaggaatc tgattcttct 660
tcctcttctt cctcctcctc ttccgtcaca tgactctttg tgctcagctc cagggttggt 720
tggttgattg atgcttcatt gtctacatgc accaacatat catgtgactg ttcaggtaca 780
gtgtgagaag acagcatctc atccccctct ctagaactga tcattgattg gagggctaata 840
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ggaggaatgg aggaggggca ggagagggcc gcgggggtcac cttgagggcg ttcagctggg 1020
cgtgcagggc tgccttcaac cgcagcagcg tctcctcctc cttgcgcagt tcctgaagcc 1080
ggctcagcat gttgcctggg cacatag 1107

```

```

<210> 5658
<211> 3443
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (235)...(2472)
<223> similar to gi30082 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 5658
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gcagagcagc atctgctgaa gagacagaaa ccagccccag aggtgtcaca ggaaggcacc 180
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gtgctgectg gccctctgca gctgctggga gtgctgctta ccatttccct gagttccatc 300
aggctcattc aggctgggtg ctactatggg atcaagccgc tgccacctca aattcctcct 360
cagatgccac cacaaattcc acaataccag cccctgggtc agcaagtacc tcacatgcct 420
ttggccaaag atggccttgc catgggcaag gagatgcccc acttgagta tggcaaagag 480
taccacacc taccccaata tatgaaggaa attcaaccgg cgccaagaat gggcaaggaa 540
gccgttccca agaaaggcaa agaaatacca ttagccagtt tacgagggga acaaggctcc 600
cgtggagagc ctggcccaag aggaccacct gggccccctg gtttaccagg tcatgggata 660
cctggaatta aaggaatacc agggccacag ggcattccag gaggttgaaa gccaggtatg 720
cctggaatgc cagggaagcc aggagccatg ggcattccag gggcaaaagg agaaattgga 780
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<210> 5659

<211> 2091

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (365)...(1924)

<223> similar to gi4335949 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 5659

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agaagaactc aaagatacac aaagtaattt gaaccaaggc tcaaaagttt ttggagccgt 180
gagggataca gcagtttggt caatattgtc ttaacatgct tcaataaat cagcttctct 240
ccaagataaa atggcaaac caaaagagaa aactgcaatg tgtctggtaa atgagttagc 300
ccgtttcaat agagtccaac cccagtataa acttctgaat gaaagagggc ctgctcattc 360
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tataaagaag gctcaacagg ctgtcggtaa taaagctttg actgaatcta cgcttcccaa 480
acctatttag aagccacca aaagtaatgt taacaataac ccaggctgta taacaccaac 540
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caaagtggca aagagtgtgt gacctgtctg acattagccc ctgtgcagat gactttccat 1860
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gcagctttgc tttccttaat acattatctg ctagcaccat ctgctagact tgaaaaatca 2040
aaattgtttg cgttgggaaa ttgatatcat agtagattta aattatttta a 2091

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<210> 5660
 <211> 3880
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (3774)...(1514)
 <223> similar to gi605 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

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<400> 5660
ttagaaggat aggggaagag attaaagtaat tgcagtttaa catgaaaaat gcacatgtga 60
tagaatggag cacaatggag gattcataaa acatgctcat cagaaaaatc tgttaagtcg 120

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actttgtcca	gattcagaaa	gagtaagttt	atcaacatct	ggcatccctc	atactttgtg	180
aagatagatc	ttctactgct	taattatgag	aaattatttt	attcaaagaa	aggagctctt	240
aatcttttga	taaaacaaaa	taaaggagta	gagagctgac	tagatgtcaa	gtgcttgcta	300
gaaatgattt	ttaaaatgct	tctacacgta	aaatgtactg	acaaattttg	gtaaaccatt	360
taaaaataag	aattagtttt	aaaatcttgg	agaaaatgcc	tttttgccca	cattttaaac	420
tgaaaatcaa	ttttactata	gataggagtt	ctgtggagtg	tacaaaattc	cttttagaga	480
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<210> 5661
 <211> 2379
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (2011)...(395)
 <223> similar to gi4808552 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

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<210> 5662

<211> 2113

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (508)...(276)

<223> similar to gill177607 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 5662

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<210> 5663
 <211> 4450
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (65)...(1861)
 <223> similar to gi3882251 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

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actggcgaag	gctttgtaga
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ttgatttttg	tgtatctgag	atltattaac	agtgtctaact	gctaaggata	ctgtttatct	4320
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actcatacct	ctcttctgct	gaattttctc	ctaagaacta	ggtttggggg	agaaatgaat	4440
tgacattatt						4450

<210> 5664
 <211> 659
 <212> DNA
 <213> Homo sapiens

<220>

<221> misc_feature
 <222> (356)...(600)
 <223> similar to gil389766 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 5664
 cataggttgg aaactgaaac ctgcacattt gtggcaaagt tcaactgcatt tacagggaga 60
 gaaagaaaac cacatgactc ttctttgtat gttaaagact ttttattttc aggccctttc 120
 agaggaaatca attcctttta acctttgtaa aatgccacag gagccaaggt taagcgatgc 180
 ttttaactta ggaactgacc ctctccaggc agagtctcca aagtagatta cctcgaaatt 240
 tcaaagaggc agttctacaa gaggagcctt tgaagaagcc aatcctgttt tccattgttt 300
 tgctttcaca cacgggttga acttgaactc ttacctttct ccattttataa caacccaaaat 360
 ccaccttaaa aaatcaaagg ctgggagcgg tggtcatgc ctgtaatccc ggcatattagg 420
 gaggccaagg tgggttgatc acctgaggtc aggagtctga gaccagcctg accaatatgg 480
 tgaaaccccc atctctacta aaaatacaaa aattagcagc ggcgggtgcc tgtaatccca 540
 gctactcagg aggtcaggc gggagaatcg cttgaaccgc ggaggcggag gatgcagtga 600
 gattgcgccc ctgcactcca gcctgggtga cacagcgaga ctttttcaga aaaaaaaaaa 659

<210> 5665
 <211> 1300
 <212> DNA
 <213> Homo sapiens

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 <221> misc_feature
 <222> (1)...(1301)
 <223> n = a,t,c or g

<220>
 <221> misc_feature
 <222> (217)...(811)
 <223> similar to gil055044 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 5665
 cttgaattcc tgacctcaag tgatccaccc gccttggcct cccaaagtgt tgggattaca 60
 ggagtgaagg acctcgccca gccaaacttga cataactttt aaagatggat tgccaagctg 120
 aggtgaactg cgggcttcat ctggttattc aaacatcatc gcttcctgaa aaaaacaaag 180
 ttgaattcaa gctaaataaa gacacatcgt cattccccgg tagactttta caacatgacc 240
 ttgaaagaaa ctactcaagt aggcaagggtg atcatattaa tttggtgagc tcatcattgt 300
 catcatttcc tattcttcaa cgttcttctg aagagaaaaat tctttactca gacagggttga 360
 gcctagaaag acaaaagctg accgtatgtc ctatcatcaa tggggaagac caccttcggt 420
 tgttgaactt tcaacacaaat tttataactc ggatacaaaa tattttctaat ctacagaagt 480
 taatatcggt ggatttatat gataaccaga ttgaagaaat tagtgggctt tcgactctga 540
 gatgtcttcg tgccttctg ttggggaaaa acagaatcaa gaaaatctca aatctggaga 600
 atctaaaaag cttagatgtc ttggatcttc atggaaatca gattaccaa attgaaaata 660
 ttaatcattt gtgtgagttg agagttttta atcttgccag gaacttttta agtcatgttg 720

ataatcttaa	tgggctggat	tcactaactg	aacttaactt	gcgacacaat	caaatcactt	780
tcgtgagaga	tgtggataat	ttgccctgcc	tcccaacatc	tctttctcag	ctttaacaat	840
atatctagtt	tttgacagtg	ttttcctgcc	cttgctggac	tcttctttcc	ctctcgggac	900
atcacccttt	gagggccaat	cccataggct	tcaaggagtc	aggggtaccaa	acacactgtc	960
cttcagaata	tgatgcagct	gcgccactaa	gatatggaag	gagaattcac	gggaagaagg	1020
aaaggcgtat	ggcatctgtt	ttagcccaaa	aaaggaggga	agaggaagga	gccgggaaaag	1080
tcctaaacca	ttcttttgct	taaggagaag	aaaagggtta	accatttaac	cacgtagctt	1140
cgacagtggg	acttgcaaca	acgagtagcc	aatattgcta	caaatgaaga	tagaaaagat	1200
ttctggactc	tcctcaggac	cctgttcaga	ttgatgggaa	ggcaccctct	ttggctttcc	1260
cagaggccca	caggggcntt	taggattcag	ggnttcaagg			1300

<210> 5666

<211> 892

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (845)...(300)

<223> similar to gi4929703 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 5666

tttttttttt	ttaaaatata	tttgctttat	tatgtacaca	ctatatattac	atcaccacc	60
ctgaaaacag	cagggttctgg	cttttccgtg	aacccccaga	tgaatataaa	ttggagcctc	120
tgagaacagt	tccttcccca	gagcggggag	tgtgcacgtg	tgtgtgtaac	cttctgattc	180
catgggacct	ggccagctcc	tctggagcca	cacagcacct	ccttgcctta	caccctggct	240
ccagcttcac	tgggtccggg	gacgcctcag	cctggggcag	ctgtgatgta	aaccagtcac	300
tccacctcca	tcttctctct	ctgcaaagaa	tcgaggaagt	cttgccactc	tgctgggtaa	360
aagcgtttat	agacgttgat	cttactccga	atctgttttg	gggtatcttg	atagtaattc	420
ttctcatcac	gggccatggc	cttatagtc	tccccgtgg	tctctaccat	gtagcgtaca	480
tagtcaatga	ggtcccaaga	cagagtattt	cctttctttt	ctggaaggct	ggcttctgcc	540
tccaggtcac	tcagcacata	gggcttccgg	tacaagttct	tttaggcctc	ttcctctatg	600
tccaccttcc	atggccttca	cctttctctt	acgggagggc	accggccctg	ttgggggtcca	660
cagccaaccc	catctcggcc	aaggttctgc	cgtaccgatt	tacgcgtgg	cccacggcat	720
gtcggatgtg	ggagcattcg	agtcctgcgc	gctgccttcc	gtcgagcatt	ccgggttcaga	780
cgctttcgg	tgacactgta	accaaacttc	atgctaccgg	gtttatgccc	ttggccttgg	840
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<210> 5667

<211> 1366

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

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1. The first step is to identify the problem or goal. This involves understanding the current situation and what needs to be achieved.

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1. The first step is to identify the problem or question that needs to be addressed. This involves understanding the context and the specific requirements of the task.

1. The first step is to identify the problem or goal. This involves understanding the current situation and what needs to be achieved.

1. The first step is to identify the problem. This involves understanding the current situation and what needs to be improved.

1. The first step is to identify the problem or goal.

1. The first step is to identify the problem. This involves understanding the current situation and what needs to be changed.

1. The first step is to identify the problem. This involves understanding the current situation and what needs to be improved.

1. The first step is to identify the problem. This involves understanding the current situation and what needs to be improved.

1. The first step is to identify the problem. This involves understanding the current situation and what needs to be improved.

1. The first step is to identify the problem. This involves understanding the current situation and what needs to be improved.

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 34. **References**
 35. **Appendix**
 36. **Notes**
 37. **References**
 38. **Appendix**
 39. **Notes**
 40. **References**
 41. **Appendix**
 42. **Notes**
 43. **References**
 44. **Appendix**
 45. **Notes**
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 48. **Notes**
 49. **References**
 50. **Appendix**
 51. **Notes**
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 69. **Notes**
 70. **References**
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 72. **Notes**
 73. **References**
 74. **Appendix**
 75. **Notes**
 76. **References**
 77. **Appendix**
 78. **Notes**
 79. **References**
 80. **Appendix**
 81. **Notes**
 82. **References**
 83. **Appendix**
 84. **Notes**
 85. **References**
 86. **Appendix**
 87. **Notes**
 88. **References**
 89. **Appendix**
 90. **Notes**
 91. **References**
 92. **Appendix**
 93. **Notes**
 94. **References**
 95. **Appendix**
 96. **Notes**
 97. **References**
 98. **Appendix**
 99. **Notes**
 100. **References**

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 <212> DNA
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 Run with FASTXY 3.3t00, default parameters

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1642

<210> 5670
<211> 1249
<212> DNA
<213> Homo sapiens

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<222> (497)...(333)
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Run with FASTXY 3.3t00, default parameters

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<210> 5671
<211> 2042
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (513)...(1360)
<223> similar to gi4587223 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

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<211> 2937
<212> DNA
<213> Homo sapiens

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<223> similar to gi3135968 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters
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 <212> DNA
 <213> Homo sapiens

 <220>
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 <222> (3848)...(422)
 <223> similar to gi396815 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

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<210> 5674

<211> 4588

<212> DNA

<213> Homo sapiens

<220>

<221> misc feature

<222> (166)...(2962)

<223> similar to gi4240287 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 5674

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cacatggagg ctgtgaacct gctgagttca aacagataca cggaaaagca gatcggctac 420
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atcaagaatg acctggccag ccgcaacccc accttcattg gctggccct gcactgcac 540
gccagcgtgg gcagccggga gatggccgag gccttcgccc gggagatccc taaggctctc 600
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ccacgtcagt ggcgtgcgcc tctcgcacag gccattctgg gtctgggtggt gccagggtgcc 4320
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cttgccctgt gcggcgctgc agagggggccc tcagtgtggc actcctcgtc aaagaaaaat 4560
aaaggctaga actgcaaaaa aaaaaaaaaa 4588
```

```
<210> 5675
<211> 1838
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (903)...(1817)
<223> similar to gi57920 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters
```

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<400> 5675
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atggcggagg tccgggggctt aagttccctgt tcatgcttcc taatcattca tggatccatc 180
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gtgacagctt gcacagcaaa cacttttggg agaatttgct tcagtccttt tttttctttc 540
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gctatatcag tttcagtatc tttaaatgta gagattgcag ctgtgtgttg agaaagcacg 1680
tttcacttag catgggatgg ggacttcgag gtactggata tgtcactggc acctcagggg 1740
aggaaaccaa gatgcccta tatgatttta aacatgggtt attaaagcgt gatacagaaa 1800
agtgcacaaa ttgtccacct acagcttggg gactgttc 1838
```

<210> 5676
 <211> 1020
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (220)...(767)
 <223> similar to gill174092 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 5676
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 aagatcaata tacagaaatc aattgtttta tatactgggtg ataacaaaaa ttaaaataat 300
 acagtacaat ttaccacaca tcaaaatatg aaatathtag ggatagattt acaaaaatca 360
 agacctgttc actgaaaact ataaaacttt gctatcagaa attaaataag acctgaataa 420
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 ccccaaattg ctctataaat tctatgcaat gtcaaccaa atctctgctt ttaaaaaaat 540
 tgacaaactg attctaaaat tcctataaat gccaaaagcc tagaataatg aaagcagttt 600
 tgaaaaagaa ggagaagtgt gacaagtaca aattttgaga cttattataa agctaaaata 660
 atccagaaaa tgtggtattg acataggata catatataga tcaatggaac agagtagaga 720
 gacaaaaaat agattcaatg tatagggtga attgattttt gacaaaagt gcaaaaatact 780
 ttaatgggga ggatggtagt cttttcaaca agtgatgcta gaacattgag ttctagcacc 840
 agtagaacta gaatgtggaa aaagtgaact ttgggcata catgttgaaa aataactcaa 900
 aatggatcac agacctaac acaagaactg aaaatataaa acctccagaa gaaaacatag 960
 gagaaaatcc ttgcaaccat ggaatgagca aagatttttc agggcccca gtgcatgaaa 1020

<210> 5677
 <211> 2856
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (2619)...(2456)
 <223> similar to gill10587 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 5677

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cgcccagact	actgacggca	ggggctgctg	ccccgcctc	ctcctgccgc	ctccgccagc	180
cctccctccc	acactgcccc	agcagggtctg	gcccggagac	tgggcagcta	agtgggcgca	240
tctgtcttc	agctggcctg	actgacaccc	cggcctccct	ggggacattg	ttcataacca	300
tgactaatct	gtgtgtgctg	tagtgaccag	cggtcctaa	cgtgtctgtg	tgatgaccag	360
ttgtcctcca	aaaacctcac	tcaccacgga	gtcaccctga	gggccccggg	cagttgccct	420
ggccgcccag	tgacgcccac	cggtccctc	cgctccctcc	tgtcacctac	cagggcagac	480
cccactaagc	cgttgagtct	cttcctggaa	gacctgagg	gccggcagct	ttgcctagga	540
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```
<210> 5678
<211> 3556
<212> DNA
<213> Homo sapiens
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<220>
 <221> misc_feature
 <222> (3486)...(1910)
 <223> similar to gi2264346 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 5678

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gcaatctaaa	tgcaccataa	atztatattt	gttaatcttg	atattagaac	atttttacat	180
ttcaaaactac	ataaaaaatat	aacaatataa	aatagaaaatt	tggtgacaac	ttacgtccaa	240
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<211> 446
<212> DNA
<213> Homo sapiens

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<223> similar to gi3649785 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters
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aatgaaagg gatgctgctg aaaaac 446
```

```
<210> 5680
<211> 1979
<212> DNA
<213> Homo sapiens

<220>
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<222> (405)...(1824)
<223> similar to gi4154598 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters
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```

<210> 5681

<211> 4567

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (329)...(3922)

<223> similar to gi3882179 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

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<211> 2896

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (390)...(995)

<223> similar to gi4262296 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

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tcgtaattca ttgcagcctt gaactcctga gctcaagtga tcctcctgcc tcagcctcct     2820
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tagataggga cttgct

```

<210> 5684

<211> 3328

<212> DNA
 <213> Homo sapiens
 <220>
 <221> misc_feature
 <222> (3019)...(1805)
 <223> similar to gi4098299 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 5684

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aggcaaagta	ccatcttggt	acagacatgt	tgcaaaactga	cttttaaaac	aatttttttaa	240
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tgggctttct	acatgtaact	tgccaggctg	aaggcttaca	ccctcatgtt	ctacaacaca	480
gatcactaat	gatgataaca	tgagttaaat	tgggattctt	gcccttctgt	gtggcttttg	540
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ctagtcttga	acaagagtga	gttttgacga	aaactgacat	atctgaattc	tagtacagat	960
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aaatttgcaa	tatttgcaat	agtgatgatc	aggatatagc	aggaagttag	aacccatcca	2640

```

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cggacgcctt gagccagctc ctcgctgc 3328

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```

<210> 5685
<211> 1727
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(1728)
<223> n = a,t,c or g

<220>
<221> misc_feature
<222> (1363)...(1553)
<223> similar to gil770466 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 5685
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tcagctgccg acagcactga ggagttggcc gaagtcgaag aaggagttgg agtagtgggc 180
gaagataatg acgcagccgc gagaggagcg gaggcctttg gcgacagtga ggaggacgga 240
gaggatgtgt tcgaggtgga gaagatcctg gacatgaaga ccgagggggg taaagttctt 300
tacaaagttc gctggaaagg ctatacatcg gatgatgata cctgggagcc cgagattcac 360
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aaagcagtca ggaaggatat tcagagacta tccttaata acgacatatt tgaggcgaac 480
tctgatagcg atcagcaaag tgagacaaaa gaagatactt ccccaaagaa gaaaaagaaa 540
aaattgagcg agagagaaga gaaaagccca gatgatctga aaaagaaaaa agcaaaggcc 600
gggaagctaa aagacaagtc caaaccagac ctggagagct ccttggaag tttagttttt 660
gatttaagga caaagaaaag aatttctgaa gccaaagaag aactaaagga gtccaaaaag 720
cccaaaaaag atgaagtaaa agaaacaaaa gaattaaaga aagttaaaaa ggggtgaaata 780
agagatttaa agacgaaaaa aagagaagat cccaaagaaa atagaaaaac aaaaaagaaa 840
aaatttgtcg aatcccaggt ggaatctgaa tcaagtgtac ttaatgattc tccctttcca 900
gaggatgaca gtgaagggtc acattccgac agcagagaag agaaacaaaa cactaaaagt 960
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agaaaggctg aggacactag agagaacagg aagctagaga acaagaacgc tttcttagag 1140
aagaaaactg tgcctaaaaa gcagaggaat caagacagaa gcaaaagtgc tgcagagtta 1200

```

```

gagaagctga tgcctgtatc tgcccaaacg ccaaagggcc ggaggttgag cggggaagag 1260
agaggcctct ggtccacgga ctacagccgag gaggacaaag aaaccaaaag aaatgaatcc 1320
aaaaagccca aaaaagatga agtaaaagaa acaaaagaat taaagaaagt taaaaaggggt 1380
gaaataagag atttaaagac gaaaacaaga gaagatccca aagaaaatag aaaaacaaaa 1440
aaagaaaaat ttgtcgaatc ccaggtggaa tctgaatcaa gtgtacttaa tgattctccc 1500
tttccagagg atgacagtga agggctacat tccgacagca gagagaagag aaaagcccag 1560
atgatctgaa aaagaaaaaa gcaaaggccg ggaagctaaa agacaagtcc aaaccagacc 1620
tggagagctc cttggaaaagt ttagtttttg atttaaggac aaagaaaaga atttctgaag 1680
ccaaagaaga actaaaggag tccaaaaagc ccaaaaanaaa aaaaaaa 1727

```

```

<210> 5686
<211> 818
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (337)...(279)
<223> similar to gi4691243 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

```

<400> 5686
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aaggggtggg gcagcagctc ctatccttcc ctcccagccc tactccgggc ccggtcagct 180
cctggccact gtactcaccg aagctgtggc ccagaatgga gaatcgattc catttcaagg 240
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cttgggggac cactggagg aagcgaactc ttcaactttc ccaagatctc ccgtgaattg 420
ctggcagacc tggggccaga gcccaggccc cactctcagg ccagcgtgc ttcttggtac 480
ctaccccgcc tccagtgaata agaggggggtg ccctagagca cccccacac cgccgaaaat 540
acacactctg tttcttacct gccacaactc ttccggtatc actcacaata gtctggaggt 600
aatatgggac acctgggctg taatgggacg agagcccatg acctccgaaa tccatggcaa 660
cgtaataaaa gtctgattca gtgaataaaa cctaattgct cccggaaata aaaaaataat 720
actgcctaaa cctcccgggc cgcttggttat aaaggggccc atcaacaccc ccaaataacc 780
tttgtttgtc tattatagat cccaaccttt tatgtttg 818

```

```

<210> 5687
<211> 1836
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1786)...(0)
<223> similar to gil006659 in the genepept database release 114,

```

Run with FASTXY 3.3t00, default parameters

<400> 5687

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cccttcaggc	ccccagcgca	ggcccagggc	tcggatgctt	ctgcctcagg	tagctcttga	180
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acccggggcg	tcccggcagt	aaatgcccag	ccgttcccgc	aacaccagca	ccaccctctg	360
ggcaagggtc	tcgagtagtg	gcgctagagg	cagcctgggc	cctgtgggca	ggacccttgg	420
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cggctcggg	gcccgggggc	cgggttcccc	ccgcggccct	ctcatcggt	agccaccgag	1800
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<210> 5688

<211> 1450

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (667)...(1239)

<223> similar to gi4826524 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 5688

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ccactctgct cagctccgct ccaggaaggc cacctcctcc tccccctcct cctcccgtg 60
tcaccactca ccgctcataa cctcaagggg gtggggaccc cagggctgga cacacccac 120
cgtggcccca gagctcagcc ggtcgcacgg acggacagtt ggaagccgga cccagagcc 180
tgagggtgggc agtgtgccag ggtcccttgc ggctcctca agccctgtcc aggctatggg 240
catcaagaca gcattgccgg cggtctgagct gggcctctac tctctggtgc tgagtggggc 300
cctggcctat gctggccggg gcctccttga ggcttcacaa gatggggccc acaggaaggc 360
cttccgggag tctgtgcgac ctggctggga gtacattggc cggaagatgg atgtggctga 420
cttcgagtgg gtgatgtggt tcacctcctt tcgcaacgct atcatctttg ccctctccgg 480
acatgtgctg tttgctaaac tctgcacgat ggttgcccca aagctccgct cctggatgta 540
tgctgtgtac ggggccttgg ctgtgatggg cacaatgggc ccttggtacc tgctgtgtct 600
gcttggtcac tgtgtgggac tctatgtggc ctgccttttg ggccagccct ggctctgtct 660
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aagttaggac 1450

```

```

<210> 5689
<211> 1883
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(1884)
<223> n = a,t,c or g

<220>
<221> misc_feature
<222> (1113)...(971)
<223> similar to gi4335756 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

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<400> 5689
actcaccaac cctccccttc caaccagaga aactcactgc agtatctcct tgaaagtctg 60
gtgacgtgtc tgtctaagtg ctggtgagag gcacaggacc aactgagggc ctcacgcagt 120
acccttggcc acaggggtgcc cgcctaagcc cacacctgct gactgcaaca agcccatggc 180
caggacggaa cacagagaag ggtctgaggc ctggagcgcg ccatgaaggc catggggcaa 240
gtgaggtctg ctgagatagc gcaggtctgc ggagctgaag tgcagctgca gaggctggtc 300
tggtgctgcg agaactggaa gaagctggga gctgtggtcc ctgtccacag agatgctgga 360
aactgtggct gggagtggtc ctgaggccgt ggagagagag catctctgcc ccacggcatc 420

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tgccgggtgag	ggcaaggtcc	tcaccagaca	agtgcagctc	caagtcccag	atgttgggct	480
ttttcttggg	actgagacag	cagtggggca	gggtggggca	gtggcaggaa	ggcagggagc	540
ctctcttgct	acctcttctc	catgctctgc	atctgcagac	tgagggaggt	gaagctggcc	600
aggaggtcag	tcacttcatc	cacctgctct	ttggtactgg	tcatctgcag	gcgggtgcag	660
aggatcatcca	ggcggttctcg	ctgctcatgt	tgccttaggc	gctccagata	ctccctcagc	720
atatggatga	tctgcttcac	ctccagacgc	acagccttta	ggcactgggc	atggccctcc	780
tgcaggatat	tcagctttga	cttggccagg	tgcaggggtg	tgcgaccagc	tcgggtccagg	840
gcatctacac	gggccccctcc	tcgtagcagt	gtggtgatga	caggaacgtg	gttgggtgcag	900
gccgccaggt	gcagtggcgt	gttccccagc	ccatctcgct	ggtaggagtc	agcaccatgg	960
tccaggagca	gctgcacaat	ctgggtcattg	ccattgcatg	aggcaaagtg	tagagctgtg	1020
cggcccttgt	catcagctgc	acagggatcc	gcgccatctt	ccagcagctg	ctgcaactgtt	1080
tccacatcat	tggcattggc	cgagtcacctc	agtctcttca	gagcgtgcac	ctccttgccc	1140
gtggggaggat	gcatttctcg	gctctgaggt	ggcctggact	ctgtggcttg	agctgccttc	1200
ctcaactcca	gtttctctgct	ccatcgctac	acctccaacc	tcctctcccg	tcacctgctc	1260
ttctgttata	cagaccgggg	tgaggacatc	aagccctcct	gaacaagctg	ggataatctt	1320
cctggcgaaa	gacccctaac	ttcattacat	ctgcaaagcc	cctttggggc	atacaaggta	1380
atcttgacag	gttccctggga	ttaggacatg	ggcatcttgg	gaggccacta	ctggccctacc	1440
acaactgggg	gnagcaaaac	taattacacc	ctccggtata	atagtttttg	gtgtttcaat	1500
gactggggagg	aaaaggggtt	ggaatttttt	ttgctttggg	ggtccctctt	aaccttgat	1560
ttttaagggtc	tgggactcac	caaccccttc	cccttccaac	cagagaaaac	tactgcagtc	1620
atctccttga	aagtctggtg	acgtgtctgt	ctaagtgtctg	gtgagaggca	caggaccaac	1680
tgaggggcctc	acgcagtacc	cctgggagtg	gcttcttgag	gccgtggaga	gagagcatct	1740
ctccccacgg	catctgcggg	tgagggcaag	gtcctcacca	gacaagtgca	gctccaagtc	1800
ccagatgttg	ggctttttct	tggtactgag	acagcagtg	ggcaggacgg	aacacagaga	1860
agggtctgag	gcctggagcg	cgc				1883

<210> 5690
 <211> 1633
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (591)...(1277)
 <223> similar to gi3874290 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 5690						
ggataaacat	ctgtagcacg	cttacgccaa	gcttgggcag	aggggagatt	gacgcggcag	60
tgcacacctg	ctggtacgag	caaaagtagc	cgacaggcca	gagtttccag	tttcgggtggc	120
ttcgtaggct	tttagcttct	gaaatccgct	aaaagcggcg	gttcattcat	cttcaagtac	180
ctagcctgac	tggtagggtc	gctcagcatt	ccgaaacatt	tcgacctggg	gagggggggcg	240
gcgggtgaaag	aatactttct	gtagagagtg	cccctcgctg	cgccctgct	ttgaaggctt	300
tatgtattaa	cggaatgccg	aacattttgtg	tcctacttgc	tgacagcgca	caggatcctt	360
ctaacagtat	ttctcaagta	cttaacaaaa	agatgaaaac	ttgaagtcca	agccgtgctg	420
ctgattccgt	ctcacagttt	aaagactgtc	cagaaacttt	aagctttcaa	aactgtacat	480
tttaaaatcc	tgtgcgttta	tcttcatttt	gctgggcaga	aagccaaagt	actggactgc	540
ctgggttcagg	gctgaacgcc	tagtacacct	gctaacttgg	agcttcagag	ccatggcaac	600
caaggagtca	agagacgcca	aagcacagtt	ggccctctcc	tcatcggccca	atcagagcaa	660
ggaagtgcct	gaaaacccaa	actatgctct	caaagtact	cttgtgggac	acacggaagc	720

agtgtcatca	gttaagttta	gtcctaattg	agaatggcta	gcaagttctt	ctgctgatag	780
gctaatacata	atttggggag	catatgatgg	aaaatatgag	aaaacactct	atggtcataa	840
tttggaaata	tcggatgttg	cctgggtcatc	agattccagt	cgtcttggtt	ctgcctcaga	900
tgataaaaact	ctaaaattat	gggatgtgag	atctggaaaa	tgtttgaaaa	cactgaaggg	960
gcacagtaat	tatgtctttc	gttgtaactt	caatagcatg	tatattttac	acactttcat	1020
gaccattaat	catctcctaa	aactggggaa	agctctctaa	aacctcttaa	gagtaacctt	1080
atccgttacc	ctattccacc	aacctctttg	tccttttctg	tttcaagcaa	ctttgagata	1140
ccgacttctc	tatggaagct	taagccgtag	atgctaaaaac	aaacgttttg	tcgttactcc	1200
cagcagagca	ccggctttta	aaggacctca	acagacacgt	ttcttaacct	ttacgaaact	1260
tttccagggg	aaacttaaac	caggaatttt	acaatctggc	ataaattctg	tcacccgccc	1320
cgtgactcca	tcgccacaca	tgccacctgg	ctccacacca	caacaaacag	gagggagcgg	1380
aacccatgca	aagcaggagc	ttcccccggt	tccggcgctc	gggtggatct	acgttagctg	1440
ccgttttaggc	agcttagcgc	tcagggtgtg	gcctacgcct	gcagctaagg	taggcattcc	1500
caaattctagt	ccttctctgt	gacaatttcc	aaaaagaaat	ggtttttgaa	acaacgatcc	1560
actgcttccc	acactatcca	gttaggtccg	ggacagaccc	taccagcta	atgcactcac	1620
ccaagaaggc	agt					1633

<210> 5691
 <211> 821
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (649)...(776)
 <223> similar to gi9453 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 5691						
ggcctctccg	gaagcctgtg	gcattcctgg	cacctccaag	ccatctgctc	ttcagcctct	60
gggcccagga	ctagactagt	gctaaaatag	ctgctcctgg	gaggggctgg	acccccaccg	120
tgggcagaga	gggcctctgc	tttttggggc	aggagggggc	accctggcag	ggtaaaaaga	180
gataaacaga	aaaacaacag	caacaataat	agtaacaatc	cgggggttgt	gccatggggc	240
ctgttctgaa	caggtctgcg	ccagctcact	gcgaggaagg	acgcttagcc	aggccctggc	300
tgaagcctgc	agctgggctg	gacacagcag	tcattggcct	gtgttggtgg	ggacttgggc	360
ctgccatggc	tgcaagtggg	accctgcctg	agacagacag	agctgggggt	gtgaccaaca	420
ccgtcggggc	accctcgcag	gaactggggc	tggtgaactg	cccagggacg	gggaaggagc	480
aggggtgagg	atggggaccc	cgacacaggt	tgagcagcgg	gagaggaggc	tgaggagggg	540
aaggaggggg	cccgcagagt	agccccaga	ccccaagtcc	ggtcagggac	aagcttggtt	600
gctccagggt	catgtcacia	cctgcagggc	tcctaagttc	aagctttttt	aaacttaatg	660
ggcaaactga	gacgcaacac	aaataggcct	ctgaccttgg	tgtctgagtc	ctggatctga	720
agtccttcac	ggcactcact	gtgagccctt	cttagacgca	ctgcacgaag	tgagcttgcc	780
agctcttctt	ttaagaaacg	tgttaggccg	ggcgcggtgg	g		821

<210> 5692
 <211> 2245

<212> DNA
 <213> Homo sapiens
 <220>
 <221> misc_feature
 <222> (182)...(1677)
 <223> similar to gi3881161 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

00487E 0100

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<400> 5692
aacttccgtg tcgacgatcc cgcggggcctt ggccctctgcc cggccacaga gccggagctg      60
gaggtgctgt cccgtctggc ggcgatcccc gggcagggcc cggggccggg gtttgaagat     120
gctgaacgtc ccttcccagt ctttcccggc ccccaggctg cagcagcgtg tcgcctccgg     180
ggggcgtagc aaggtacctt taaaacaggg cagaagcctt atggattgga ttcgactgac     240
caaaagtgga aaggatctaa cgggattaaa aggcaggtta attgaagtaa ctgaagaaga     300
acttaagaaa cacaacaaaa aagatgattg ttggatatgc ataagagggt tcgtttataa     360
tgtcagccct tatatggagt atcatcctgg tggagaagat gaactaatga gagcagcagg     420
atcagatggt actgaacttt ttgatcagggt tcatcgttgg gtcaattatg aatccatgct     480
gaaagaatgc ctggttggca gaatggccat taaacctgct gttctgaaag actatcgtga     540
ggaggaaaag aaagtcttaa atggcatgct tcccagagc caagtgcag atacacttgc     600
caaagaaggt cctagtttatc caagctatga ttggttccaa acagactctt tagtcaccat     660
tggcatatat actaaacaga aggatatcaa tttagactca ataatagttg atcatcagaa     720
tgattccttt acagcagaaa caattattaa ggattgctta tatcttatac atattgggct     780
aagccatgag gttcaggaag atttttctgt gcgggttgtt gagagtgtgg gaaaaataga     840
gattgttcta caaaaaaaag agaatacttc ttgggacttt cttggccatc ccctgaagaa     900
tcataattca cttattccaa ggaaagatac aggtttgtac tacagaaaagt gccagttaat     960
ttccaaggaa gatgttactc atgatacgag gcttttctgt ttgatgctgc caccaagcac    1020
tcatcttcaa gtgccattg ggcaacatgt ttacctcaag ctacctatta caggtacaga    1080
aatagtaaaag ccatatacac ctgtatctgg ttccttactc tcagagttca aggaaccagt    1140
tcttcccaac aataaataca tctacttttt gataaaaatc tatccactg gactcttcac    1200
accagagctt gatcgtcttc agattggaga ttttgtttct gtaagcagtc ctgagggcaa    1260
ttttaaaata tccaagttcc aagaattaga agatctcttt ttgttggcag ctggaacagg    1320
cttcacacca atggttaaaa tactgaatta tgctttgact gatataccca gtctcaggaa    1380
agtgaagctg atgttcttca ataaaacaga agatgatata atttggagaa gccaattgga    1440
gaaattagca tttaaagata aaagactgga tgttgaattt gttctctcag cacctatttc    1500
tgaatggaat ggcaaacagg gacatatttc accagctctt ctttctgaat ttttgaaaag    1560
aaatttggaac aaatccaaag ttctcgtctg catttgtgga ccagtgccat ttacagaaca    1620
aggagtaagg ttgctgcatt atctcaactt ttccaaaaat gagatccata gttttacagc    1680
ataatgaaga gctgtcattg tcctttatct aactagttta tctaaatttg tgattgctta    1740
gggtttttta agagaacatt tttgtacata acaaaagggt aactagaatc cagccttcag    1800
tttcttaaat gaaatcaaat gttccttcag tacagggtaa cttcttgggc tttcttttgg    1860
taccacaact tatttttact actgatattt gaccgggaa agttaatcat ggcaacaaat    1920
acatacagga ttctttgtta tgaatcacia atttcttgc catttaaatt atatcactgt    1980
tctacaataa gcaattgtgt tttatgacat gataaagtaa atgatcactt cgatcatggt    2040
tctatgctgt aaaatgtctt attagcaata cagattaaat tttaccttgc actgttaact    2100
caggaaatga tcatttatgt ccttggtatt aatgttaaaa catagaatgt tataacttat    2160
taagtgatcc aaacattttt ttgtgtgtgt atggcattga tgcagaatag aataaaatta    2220
tacttaagtt ctttttaaaa aaaaaa
2245

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<210> 5693

<211> 630
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (1)...(631)
 <223> n = a,t,c or g

 <220>
 <221> misc_feature
 <222> (361)...(110)
 <223> similar to gil345538 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 5693
 tttttttttt tttcctagag aagagacgaa ggtgattcag ggccgagcag ggctccctgg 60
 gaagccccct cttcctgccc caactttatt ttggttctag aatcattcca gttggcatac 120
 ccggtcccca ccacggctgt cctgggcaca cagttaacat gtcattgcagt tagggggagg 180
 gagagagggg agagggcagg gggggagtcg gtggcctgca ccgcacagcc actggggttag 240
 agaaagtcgg ggtctcccag gctgcaaagc cttgtccagc catgtgtctc ctggccctgg 300
 gctgacctcc tgctgtggcc atagggtaga cagcctggcc ttggggctgg gccatggctg 360
 tgtcaggtag ggaaagccac catcctgcct ccagtcacct gggcccttgt tctagccoct 420
 cctcccccca tatcactggg gataatttgt tggcctgggt ctccatagct caccagttat 480
 ggaccaagga acaggggcag ccagcctgag ggtccatgct gtcacctgtg ggtggcccca 540
 ccgagcagat gatcggacgc ctttcgaccg gnattccnnc cngncgnent cgaggatctc 600
 agggctcagg nnnnccggcc ccgttcccc 630

<210> 5694
 <211> 2069
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (325)...(1347)
 <223> similar to gi4104615 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 5694
 caaggagcac aggtcctcgt tcaggacgat gtaatccttg ccatcgtaag caagctgggtg 60
 ataccgcggg agtaggcgcc cgtccgaccc cagctgcag acagacatcc tctagatggg 120
 tgtgagacct tggccccgcc ccgcgggcca gccccgcca ccgagccccg ccctcgccag 180
 gaccaacctg cggggatttt ggctgaaaat gaaaccgggt aacggctcct gggcctctcc 240
 cgggtcaagg gtctccacgg tcccgtgccc tcggcgtagg tctcggaccc agagactcgg 300
 ggagaccggg gcggtccgtg ggggatgtgg aggggtagtg acctgcgccc ccggccgggtg 360
 tcaactcacag gcctcactct ggtttgtaag taagccgctc aggggtccgca agtttcactc 420

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ggtaaaactg tgctttggcc ttggcggttc cctgtctcct tcttcccaat attccggccc 480
ctcctgctcc atccacggcg cccgcggttc catcctggga ctcggtggcg cgctgtcgag 540
ccgcacgcac tgcgtgtcgt ccacgtcgcc cacggagagg aagcggggat ccgcgcggcc 600
gggcccgggac atggtggtgt ggaaatacct caaggagtgg aagcctggga gcaaggaggg 660
ggctgagacc ctcccgaacc tctcccggc accgcaaccg ggttcctgcg ccccgccgg 720
gcaggccctt agctactccc cacagacgcc gtttccctcc cgaccccgca ctacactgcc 780
caggtctggg tcaggaccag ggcccccgag agcagcagaa gcagggttcg gggcgccatg 840
acaccatcct cggcgactgg ggagaatcgg agtcccggtg ggtgcgtggg aactttagaa 900
ccgggaccgc ggctacattg attggcttct ctaggaaacc gacactcaat gggagtgaga 960
actggggcag cctggtgagt atccaggaag aaggaccgca cacagggttg gagagggaga 1020
agagaaaccc tgcggagatg gggaatcccc agcgtggtgg ctccccaatc catacaccgc 1080
ctttggggcc tgagatcctg agagccatgc ctgaggccct gagagccatg cctgaggccc 1140
tgggacttcg cctgacccc gctacttctg tgccaagcgc tctgtctcaa cgtttccgag 1200
tcttgcccca ggagctgtct gagaaaccag ggagaaaccc tcggaatggg ccccgctcct 1260
ctctcttcac tttgcatcac ggaatccccg tcccagaact ggactccctg cctcctactc 1320
cttacctgtc cccgtggact cttctagaag aaaaatcacc ccagggagct tgttgccaga 1380
gagttagctt gccctgggaa tggaggtgta gagacagggt tttttgttgt tgttgttgt 1440
ttgtttttta aatctggaaa agttgtgcct gagtgcatag gatagaatag agaccagttt 1500
gctttttgtt tattaactac agtgggtagc agaactcttg taactcctaa tgatcaggaa 1560
tctaatacgg caaaaatgtg actttggtcc cttgacatat aaatgtgtct aaaagcatta 1620
caacaggaat cacaaagctc ctaagtttca ctttcccaga caatgtatct gtgactcccg 1680
cttgtagtat tttaaattta ctttcattcc atagccctgg agtttctgtg tgagtccagg 1740
acatctccta atacaaggta gccactgtgt tactatatgt tgtaaccagg agccagtacg 1800
gactttattc atctcacagt ggcaagcact caatgcagtc acaatgcccc tcaccagtgc 1860
tcatgcactg cctgttttta ggaagtatcc acttctaagt gttgtgtata ttttatatga 1920
acacttagta ttttttaaac ctgattaaca taaaaaaatt agtttttagg cagaccaca 1980
taaggtatta aaggccaact gcaaagatca ccctgcaagg ctctgtagat tgatgtatta 2040
aatatataa aacaatgtgt ttaaacctg 2069

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<210> 5695

<211> 1089

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (636)...(932)

<223> similar to gil255991 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 5695

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taattgaaat cgtacagcgt tgcggaattc gcaggattaa tcacataagg agactgtttc 60
atgcttgagg taaggagtgc ttagataaag tgagagaaat gggaatagaa agataggcac 120
atacattttc caagaaagaa tgatctgaat tgagttattg attgaataca ggatataaag 180
aagaaagtaa caaagaggac tgagtttttc aacctgaca cctggaagga aaaatagcag 240
agacagggaa aagagacaga gacaaggaaa aaaaaagaga cagagacaag aaaaccattt 300
agggataaaa gtcttaagtc tggtttttga catattgagc tggagtagat ggcataaaat 360
ctatcctcaa ggaaaagtga ctgttcttga acacagggag ccgtcctgat ctgtcatcct 420
tcttgaatct gtctagtgtt gaaagtactt actactggac cctgttttct ctgagcagta 480
taatattggt tctttactat taatctaaat ttgggctaatt tttatatatt tttcaaaagg 540

```

cattgatttt	ttaaagagtt	ttttaatcat	taattcactc	tggtaatata	agtaatacct	600
ttatatagtc	atctaaactt	tccaaagcac	ttttacctat	tattctcaga	acagtccagg	660
aaagtaggca	aaacagacat	tatcaccatt	ttatgaggta	ctggatgcta	aatgacttgc	720
tcagcgtctc	ataactggta	agtagcagga	tcagggtctga	aatccatttc	acctggcctt	780
agatccatct	ttgaggggtct	ctttatctga	taggcttctc	gtcttgata	ggcaaaggaa	840
ggatgaactg	gagcagagga	tgtcggccct	gcaggagagc	aggcgggagc	tgatggtcca	900
gctggaagag	ctgatgaagt	tgtctgaagg	aagagcccgt	ggcccacgct	cagttcttgt	960
cattcttctc	ccaccacagc	ctcagctgct	gcctccagta	aattttcatg	ccacagagag	1020
ttctttcatt	ctgctgcttc	aggaaactat	tatgtacttt	atcttctatc	cattcctgag	1080
acttcctag						1089

<210> 5696

<211> 1596

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1392)...(946)

<223> similar to gi5102729 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 5696

ctccggcggc	gcgtcccccg	agcttggtac	ggctcagccc	gtctcccccg	aagccgcgcg	60
cccgcgcccg	cgccccctcag	tcggtggagc	ccgcagcccc	ccttggtggc	cgcggcagct	120
cccgcgcccg	tcggccccgcg	cccgccatgg	tccgtccgcg	ccgtgccccg	taccgctccg	180
gcgcgggggg	ccccctcggg	ggtcgcgggc	gccctccgcg	gccccctcgtg	gtgcgcgcgcg	240
tccgctcgcg	ctcctggcct	gccagccccc	gaggccccga	gcctccgcgg	gatccggggc	300
cgctcggccc	ctcccatgga	aggtgctcgg	gtcttcgggg	cactgggtcc	catcggtccc	360
tcctcacctg	ggctcacctc	cgggggtctg	gccgtgagcg	agcaccggct	cagcaacaag	420
ctgctggctt	ggagcggcgt	cctcgagtgg	caggagaagc	gcagacccta	ctctgactcc	480
actgcaaagc	tgaagcggac	cctgccctgc	caagcctacg	tgaaccaagg	cgagaacctg	540
gagaccgacc	agtggccgca	gaagctgatc	atgcagctga	tccctcagca	gctgctgacc	600
accctgggccc	ccctgttccg	gaactcccag	ttggcacagt	tccacttcac	caacagagac	660
tgcgactcgc	tcaaggggct	ctgccgcata	atgggcaacg	gcttcgcggg	ctgcatgctg	720
ttccccca	tctccccctg	tgaggtgcgc	gtgctcatgc	tctgtactc	gtccaagaag	780
aagatcttca	tgggcctcat	cccctacgac	cagagcggct	tcgtcagtgc	catccggcag	840
gtcatcacca	cccgaagca	ggcagtggga	cctggtggtg	tcaactcagg	cccagtccag	900
atcgtcaaca	acaagtttct	ggcatggagt	ggtgtcatgg	agtggcagga	gcccaggcct	960
gagcccaaca	gtcgggtcaa	gaggtggctg	ccatcccacg	tctacgtgaa	ccagggggag	1020
atcctgagga	ccgagcagtg	gccaagggaag	ctgtacatgc	agctcatccc	gcagcagctg	1080
ctgaccaccc	tagtgccgct	gttccgggaa	tcgcgcctgg	tccagttcca	cttcaccaag	1140
gacctggaga	cactgaagag	cctgtgccgg	atcatggaca	atggcttcgc	cggctgcgtg	1200
cacttttctt	acaaagcatt	gtgtgagatc	cgcgtgctta	tgctcctgta	ctcttcagag	1260
aagaaaatct	tcattggcct	catcccccat	gaccagggca	actttgtcaa	cggcatccgg	1320
cgtgtcattg	ccaaccagca	gcaggtcctg	cagcgggaacc	tgagcagga	gcaacagcaa	1380
cgagggatgg	gggggtagtg	gttaccgccg	gctggggccc	tccaggagtc	acagatgagg	1440
ccccgcgaga	gactggtgac	acgcttctga	gcagggggccc	ctggggactt	caactgccc	1500
gcaacatgga	ggatgggtgc	ctgaggcctc	caaggacggg	ccccaccctt	ctacgtttcc	1560
ccaataaagc	cttttaaaaa	cctgccaaaa	aaaaaa			1596

aataaaagaa	gaactagaag	agcataatca	caaaaataga	cacaaatgtc	aaaaaggatg	2280
tggacatagg	agactggaaa	gataatgaat	ggcctcctga	aagaataatt	aaatattatt	2340
ggccagctac	ctgggtgcaa	gatgggtcat	ggggttacca	cacccaatc	tatatgtctca	2400
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tagattttatt	ggcaatacaa	gcaacacaaa	tgagaaatgc	tatatattga	aatagattgg	2520
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gttgccctaga	aattgcta	aatggccggg	ttgtcatgga	aatcagagct	agaatgcaca	2640
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gatggttctc	aacctttgga	ggattcaaaa	ccctcactgg	tgggtttttg	tttattcttg	2760
gcatctgcct	catcctccct	taccttttac	ccctgtttat	taggaggatt	cagtcaacta	2820
tagaggcagt	aataactcaa	cacactaccg	cacagttgat	ggcattaacc	aaatatcagc	2880
cactgccagt	agaagaagct	cagctctgtg	aagaggtggc	aaatagtggg	gctttctatt	2940
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cctgcacaga	tctccctct	caccccatga	aatgcttaaa	aggtaacctg	actctttggt	3360
cagggctcag	tcctttggat	gttaatctga	ctgggctggt	gcacctaaat	aataaatatc	3420
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gtacatgata	ggaactccag	gaatcttacg	gattcttctt	ttcagggtccc	ggtcaactgt	3660
ggccacaatg	taacactttc	c				3681

<210> 5698

<211> 2004

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (86)...(933)

<223> similar to gi2072957 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 5698

agttttcaac	gtctatttca	ttccctgctt	cagaggacct	ctttaatctt	tgattttggt	60
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agcgctaaat	aatcgagaaa	atgcctcctc	ttgaaacgga	tatagagatg	gaaacaagat	180
ataagaagga	ttgagaatca	tataatacag	gagcttaaac	acctatgcgc	gatgataaag	240
agggactat	tagagcgctt	ggaaaatacc	aggaaagtga	gagagttaac	agaagggcgc	300
acgctggatt	ggccacaaaa	tcgaattact	gaagtaagt	caaaacgaca	aattgtcaca	360
gaatacagag	aaaaggggaa	aagaaattaa	gaggagaaaa	agagagatct	agagggccgg	420
tccaggagat	acaatctatg	cataatagga	atacctgaaa	ctgaggacag	agcaagtggg	480
gctgaaacaa	taaaggatct	acttgaaaaa	attttccaga	attgaagaac	gaactagatc	540
tacaaatgga	aaaggctcat	aggatacctt	taaagtttaa	tgaaaagaaa	gcagcatcta	600
gacatatccg	ggtgacgttt	ttgaatttca	aagacgaaac	attttacaag	catccagtca	660
gagaaagcag	gttacttaca	aaggggcaaa	agtcaggctg	acctcagatt	tttctcctgc	720

actcagctct	ctcagcatgg	tttcaggtag	ggctgttgcc	ctccttcacc	taatagcttc	960
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atccagccca	cgccacaatg	gtgggacagg	ttccccagtc	cctatgtggg	cttattttta	1140
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tgcttgccag	aaggtgttat	gcttttctgg	ctcgccctacc	atccacacat	ccctacacct	1260
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tcaggccctt	acaggtgccg	ctctggctgg	cagttacca	atgtgggaaa	acgaaaatac	1560
cctatcatgg	ctacctacgt	tcacctacaa	cttctgctg	tccaccccc	gtctcttctt	1620
tttgtgtgat	acaaactgat	atctttgcct	accagccaac	tggtcaggaa	cttgcacctc	1680
ggtctttcag	gctccaacca	tcaacatcct	accccctaac	caaactattc	taatttctgt	1740
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gctaacagga	ttaggcatca	ctgctgcact	tggtcactga	atagcaggca	taaccacctc	1860
aatcacctca	taccaaacac	tattcacaa	cctttctaac	accgtagaag	atatgcacac	1920
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gagagtcctg	gacctcctaa	ccactgagaa	aggggggtacc	tgcatatacc	tccaggaaga	2040
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cagggctgca	gagctttgac	atcaagtcgc	tgactcctgg	tggaaggat	catcccttct	2160
aagatggata	ccctgggttg	cccccttcct	aggaccctg	atcttctctt	tcctgttact	2220
aatgattggg	ccatgcatat	ttaaccttgt	atcccgcttc	atttcccaa	ggctgaattg	2280
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aactggtcag	agtggaaaat	tccaccaggg	cctgagctgt	gagaaacatc	ctgtcaggca	2580
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agcctgtaag	cggggaagg	gctctggcac	tagctggtac	cccctctccg	caggtctttc	2760
tccaataaaa	tctgtgttgc	cattgaaaa				2789

<210> 5700

<211> 1726

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1162)...(774)

<223> similar to gi3002527 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 5700

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cattggaacg	gcaaaacatc	aataaggccc	taaaacaaaa	aatacagtta	tgctttaaca	120
aattcttagc	aatgtggccc	acgcttttta	aaaaattgac	gtgttgccag	tggttggttag	180
gaacactgac	gtacatccca	aatagtaata	aattcagtat	gaaattatac	gcataacctt	240
actcaccata	ctactttttc	tcccaaacta	ttgtgacttc	tttttgctct	ctgattaaaa	300

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caaacaggta acatccttac acctttgctc catcccttgg gctttaaaaa gaatggctgt 360
agttagtttt gattcactat atactctctg tacttgagga agagtaagct gtgtttaaaa 420
gtgccctttt ccatgtcgtc atgtaccaat accctctgca tttcaaaatg ttgactcaga 480
tgtttttccc tctacagaac tagaaaattg tccccccact ttggtctatt tactcatttg 540
aagacaaaaca gggttactaa gagttttaca taagttattht ctttagagtgt acgaagtgtt 600
agtttacttc ttgcttagtg gagacaaaaa ttgtgagata aagaggaagg aataggatgt 660
acacattttac ccatcaatat agcaccacgt gttatthtgag caggaccctt ctgthtagcat 720
ctaaggtaag gthtaggacag tcaagataaa atactggatg ttggccagga gcagtggctc 780
aagcctgtaa tcccagcact ttgggaggct gaggcaggca gatcatgagg tcaggagatc 840
aagaccatcc tggctaacac agtgaaaccc tgtctctact aaaaatacaa aaagtthagt 900
agthtagthtag ccaggcgtgg tgggtgggtgc ctgtagtccc agccattcgg gaggtthagg 960
caggagaatg gtgtgaacct gggaggcaga gctthcagtg agattgcacc actgtactcc 1020
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aaaaacactg tatgttaagg gagactcctt cagtatctaa gagcactthg gggthgactg 1140
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thtcatccct attgatttht atgctaaaaa cagaatctta caaatgtgat agctatatat 1260
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gcaaaaggag thggaaagta gtctctgccc thttagctgaa aatcaagaag agagththtg 1500
thctthcattt taaatgtaga aaatcaaatc cthcacattt gattthgtgt cthcccaatt 1560
attaaaaatg thgtcactgg ctcaactgta ththtcaaat agcctagatt tactththt 1620
thtaaatgct cattaaaaac thgtatacta thtagtaaaa thgtgtactt gthctataca 1680
ataaaacaga tactthcttht gtaaaagctt agthagtaaaa aaaaaa 1726

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<210> 5701
<211> 1127
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (163)...(962)
<223> similar to gi3287681 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

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<400> 5701
aaaaagcgcc ggcaattggg gtcgcagctg gagatgctgc ggccggcagg gctctggcgc 60
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acctctggtg tctctccccg cggtagcacc tcgcccagaa cctgaatat thtcgaccgg 180
gatttgaaaa ggaaacagaa gaactgggca gcccggcagc ccgagccgac caaatttgac 240
tacctgaagg aggaggtthg aagtcggatc gcagaccgtg tatatgacat accagaaat 300
thcccccttg cthtggatct tggthgtgga agaggttaca thgcacaata thtgaataag 360
cttcagthtatt tccattgcag gaaactattg gaaagththt ccaagctgac attgcagaaa 420
atgctthtgaa aaattcctca gaaacagaaa tacctactgt cagcgtthtta gctgatgaag 480
aattcctthc cthcaaagaa aatacattth acctggtggt tagcagthtta agththgcatt 540
gggtgaatga cthtcttaga gcacttgagc agattcatta thththtaaaa ccagatggag 600
tgththtctg tgcaatgtht ggaggcgaca cactctatga acttcggtgt thctthacag 660
tagcggaaac ggaaagggaa ggaggattth ctccacacat thctcctthc actgctgtca 720
atgacctggg acatctgctt gggagagctg gctthtaatac thtgactgtg gacactgatg 780

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aaattcaagt	taactatcct	ggaatgtttg	aattgatgga	agattttacaa	ggtatgggtg	840
agagtaactg	tgcttggaa	agaaaagccc	tgctgcatcg	agacacaatg	ctggcagctg	900
cggcagtgtg	cagagaaatg	tacagaaatg	aagatgggtc	agtacctgct	acataccaga	960
tctattacat	gataggatgg	aaatatcatg	agtcacaggc	aagaccagct	gaaagagggt	1020
ccgcaactgt	gtcatttgga	gagctaggaa	aaataaacia	ccttatgcca	ccggggaaaa	1080
aatcacataa	aatatattt	cagtgtaaaa	aaaaaaaaag	gggcggc		1127

<210> 5702
 <211> 1940
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc feature
 <222> (1255)...(1671)
 <223> similar to gil86800 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 5702						
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ccaccaaccg	agactactag	cggcctctgc	acgaggcggc	ctccatgggc	caccgagact	120
gcgtgcgcta	cctgctgggc	cggggggcag	cggctcgactg	cctgaagaag	gccgactggg	180
tcctcacaga	aggcacagag	gttgccgggtc	aaagctgttt	tcctgcctgc	cagacccctg	240
aatcctctag	gttttccatc	tgtgccaagg	atgtgtgtgt	tttgaagacc	tggcccctgg	300
cttctaattg	ctcagctgcc	tccatctgac	agcttctcct	ggttggcctt	aggactcctc	360
tgatgatggc	ctgcacaagg	aagaacctgg	gggtgatcca	ggagctgggtg	gaacatggcg	420
ccaatccact	cctgaagaac	aaagatggct	ggaacagttt	ccacattgcc	agtcgagaag	480
gcgaccctct	gacccctccag	tacctgctca	ctgtttgccc	aggctgcctg	aagacagaga	540
gcaaaattag	aaggactcct	ctgcatactg	cagcaatgca	tggccatttg	gaggcagtc	600
agggtgcttct	taagaggtgc	caatatgaac	cagactacag	agacaactgt	ggcgtcaccg	660
ccttgatgga	cgcaatccag	tgtggtcaca	tgcagctgcg	taggctgctc	ctcgatgaac	720
atggggcttg	cctttcagca	gaagacagcc	tgggtgccc	ggctctgcac	agggcagctg	780
tcacagggca	ggacgaagcc	atccgattct	tgggtctctga	acttggcgtc	gatgtagatg	840
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gatcagccct	gcactctggc	tgtgcagggtc	agcacttggc	ctgtgccaa	tttctcctgc	1020
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gagcagatgt	ccttcggggc	tctggccata	gcgcaatgac	ataaggatgt	ttccaagagg	1140
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aagccaagtg	caacttgctt	cagtcactct	gaacctgagt	tcaaccaacc	gcagccacct	1260
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gccacatctg	cactggcccc	caaggtcagc	tccttgggtc	tgtctccaaa	aatggttgct	1380
gatgacatca	ccaaccattg	actggaagag	tctgaggatg	atagtgaac	tgaccagcca	1440
cagcagacag	gccagatttg	aggtgggtgc	ttctgcctct	gccctgatcg	tcacaacctt	1500
caggaaccac	cgacagaaa	aaagaaacac	aaaaacatga	aacacagtgg	tagcaccact	1560
tctgatgaga	ttgtcaacat	tgccctaacag	atgcagcagc	agtcttttagc	cagagaactc	1620
tctggaacca	ttaaagaatt	cctggggggcc	ggttgcggtg	gctcatgcct	gtagtcccag	1680
cactttggga	ggccgaggcg	ggaggatcat	gaggtcagga	gatcgagacc	atcctggcta	1740
gcgtgggtgaa	accccgctctc	ttactaaaaa	tacaaaaaaa	ttagccaggc	atggtggtgg	1800
gcgcctgtag	tcccagctac	tcaggaggct	gaggcaggag	aatgctgtga	accctggagg	1860

cagagcttgc agtgagccga atatgcgcca ctgcactcca gcctgggcaa cagagcaaga 1920
ctccgtctcc aaaaaaaaaa 1940

<210> 5703
<211> 1512
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (922)...(682)
<223> similar to gil1710216 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

001210" 2225450

<400> 5703
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gaaatacggg gacacccttc taactaccac ccaggtgaag aaacagaact ttgtcaggca 120
ccccagaacc cctccaagtg cctcatcaca atgacaactc cttccctcta gaagtagcca 180
ttattcttgt atagtactga ctgtgtttct ttatggtttt atcttatttt ttagagacag 240
ggtcttgttc tgtcacacaa gaacaagtgg acaggtggag tgcagtgggtg ttcatagctc 300
actgcaatct tgagctcctg ggctcagggtg atcttcctgt cttagcctcc caaggtgctg 360
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caacctccgc ctcccagggt cacgcaattc tctgcctcg gcctcccag tagctgggat 540
tacaggtgcc cgccaccatg cctggctaatt tttttgtatt tttagtagag acgggggttc 600
accatgttgg ccaggctggg ctcaaactcc tgacctcaag tgatccgcc gcctcggcct 660
cccaaagtgc tgggattaca gatgtgaggc accgtccacc gtgcccgcc gagttttatt 720
cttgaatcgt gcatgtctct gtctactaca gtttagtgca ccattttaat aaatttggtg 780
tcttttaagt tcatcaaaaa tatttctttt gaagcactat aataatgctg gtgatggaac 840
tcgccaccat tattccctgg gagcttctgg cagattctgt cagttggaat ctctaattct 900
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cgtgtccttt cacaaactgc tcttcagagt cattctcatc caaggaaagc agtgcagggt 1260
agtccttctt gcctgccatc tggaccggag tgacagctat tctggggat aacaacgtca 1320
gcttctccca aagccggagt ccccatggcg ccgggcataat tcgggtcagt ggtgtaggaa 1380
aatgaaataa acccaggtg ctcataagga acgtggctct gctggctgag gacctggtct 1440
caggaccgca ctcgtgccct caacgttcta gggatatcca aatcacctca gcggaggatt 1500
cgcaatcgcg at 1512

<210> 5704
<211> 963
<212> DNA
<213> Homo sapiens

<220>
 <221> misc_feature
 <222> (212)...(916)
 <223> similar to gil542885 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 5704

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ggccgccggc	ccactccatc	cccagtgagg	actggaccac	ggccctggct	gctgccactg	180
atgttgggcg	ctgcacccca	cgctccctatg	cccagggcgc	aagctctgct	ctcccgggga	240
ccccaggcct	ggcgcacacg	cggggagggc	ggggccatgg	agaaggcact	gcaggggagca	300
ccaggcagag	ccgggctgag	gccggccggc	actagggcgc	gaggccccac	cccaagccgg	360
cctctcctcc	acacctccgc	cttgctcaga	gacctgcacc	atgggacccc	actccatcct	420
caggacgggt	cactgcagac	ctaccaagac	ccctccagaa	ccttccgcgg	aacccccacc	480
cctctccttg	ctgaccagct	caaacacctc	actagcgggt	acaagcctcg	ggcgcgacct	540
cacaccaggg	ggaggaaagc	cgcttccggg	gcaaacccca	cgaaaccctg	aaagcccccg	600
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ccccaggga	gttgtgtcag	aagctgcgga	gtcactcggg	gggacactgt	cctggggggc	840
gtgggggagg	ccccagcag	ggcccagcgg	gctggctgga	cgccgctcca	ggagggaggc	900
gctcaggccg	gacaggaagg	aggcgtctgt	gatgatggca	gcggtctctg	ccatccaacc	960
cag						963

<210> 5705
 <211> 1521
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (156)...(95)
 <223> similar to gil80279 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 5705

tttgagatgt	atttccaga	aaagcaacat	gatgaaaatg	gtcagaaaag	gcaatttcct	60
tcctcttttc	taatttggct	ctggagccac	cagcagaacc	tcttcaatat	cttgcatgtt	120
acagatttca	ctgctccac	cagcttgag	acaacatgtg	gttcttgaca	actctgctcc	180
tttgggttcc	agttgatggg	caagtggtag	acaccacaaa	ggcagtgatc	actttgcagc	240
ctccatgggt	cagcgtgttc	caagaggaaa	ccgtaacctt	gcaactgtgag	gtgctccatc	300
tgcttgggag	cagctctaca	cagtggtttc	tcaatggcac	agccactcag	acctcgaccc	360
ccagctacag	aatcacctct	gccagtgtca	atgacagtgg	tgaatacagg	tgccagagag	420
gtctctcagg	gcgaagtgac	cccatacagc	tggaaatcca	cagaggctgg	ctactactgc	480
aggtctccag	cagagtcttc	acggaaggag	aacctctggc	cttgaggtgt	catgcgtgga	540


```

<211> 1045
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(1046)
<223> n = a,t,c or g

<220>
<221> misc_feature
<222> (728)...(28)
<223> similar to gi200545 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 5707
ctggccccag gctttcccac atggaaggtg gctgcatgcc aaggggagga gcgacacctc      60
caggcttccg ggagcccaga gagcatgtgg caggcagtgg ggcctcttca tcagcagcct      120
gcctggctgg ctccttgggc tgtgggcagg tagcacgcct gctggcagag gtacctggtg      180
gctgccctgt tcgcatcagt ggcgatgact ttatttgcgg agcatttctg caagcgttgc      240
ctggatgcgg tgggtgcattg tgggccctct gggctcctgc ctcagaatgt cagtgcagcac      300
catgctggag gtcaccacagc actgtggcag cgcccaggag ggcatagggc agcctaccac      360
ctccaagggg gcaggcgccc tcatctgggg ttgggtctgt gctgagctgg agggcctcta      420
gggaaccgtg gggcagggtg gccagctgct ggctcccaga gcgcagccca ggcgtcctca      480
acggggagcc ccaaagtgtc acgcccagaa caacagtttg caggacaggt gtgacacagc      540
cacagcagag gcaaggggtg ccaggagtcc ccagcggcat cctcggggag atgctggtga      600
gggggtccgta caggggtggg tccccacccc tagcccctta ctgagggggg agtgcagcag      660
ttggcctgct tgtctggcgg agaaagccag ctccctgcac cctcggggct gagtgcagtc      720
tgggtctgcc gcaaaggcct tgcctagacc aggtcacact gatgccctgg ttccctatc      780
tgtaaaatgg ggccaatgac acctacctca ctgggtcacc atcgagatca atccttctcc      840
ctgccccgac acctcgggca catcgcatgc actcagagca cagagccggg cagacgcagc      900
acctgcatgg ggagcccagt gcccggcaca gcacaggggc tttcagggag gccacgcagg      960
gccgtggggc tgaaccacgc tctcgttttg tcaggcagct atgcagnagc tcttccttgg     1020
tattgggttg ttntggtttt gtatt                                     1045

```

```

<210> 5708
<211> 928
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (778)...(446)
<223> similar to gi4927776 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 5708

```

```

tttttttttt ttgcgtgagc aataaagctt tttaatcacc taggtgcagg caggctgagt      60
ccaaagagag tgtcagcgaa gggagatagg ggtggggccg ttttatagga tttgggtagg     120
taaaggaaaa ttacaatcaa aggggggtgt tctatggcag gcaggggagg gggtcacaag     180
gtgctcagtg gggaaagcttc tgagccagga gaaggaattt cacaagggtta atcgctcagt     240
taagggtgggg caggaacaaa tcacaatggt ggaatgtcat cagttaaggc aggaacaggc     300
catttttact tctttttgtga ttctttcactt gcttcaggcc atctggatgt atacatgccca     360
ggtcacaggg gatatgatgg gctttgcttg gggcttcaga ggtcttgaca cacatcacta     420
agcttactct atggattcgc ctcaaattct ttcttgcaag agatccaaga atgctctctt     480
ggggtctgga tagggacccc tttccgttga caagacctcc ccgcctccgc ttttaattgt     540
ttggccttca ttctctttct acagtgtctc ctgcaatcag tactgggtgt gtacatatatt     600
gctagcttcg tacatacggc acgaagtaga tgctcagtaa atgttggttg actgagtatc     660
ctctgcatct cggtgacatc acatcctgcg tgccgtggcg tcattctgca ttctctgcg     720
ggaggctcag atccggaggg ttttaagtgt atgcaccgaa catatccaac     780
ggaggctgtg gtttccgacc gccacaaaaa agcgcggttg gcgggagtgc ggggttcgggg     840
tcggctggca gctgggagac tccagctctg ggcggaaaaca cactgcctcg gaggcgcccg     900
gacgcgtggg tcgagccagt aataacga

```

```

<210> 5709
<211> 3918
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (26)...(2915)
<223> similar to gi4191594 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 5709
gcgcggaggga gggggcgacc acaagatggc ggacctctcg ctgcttcagg aggacctgca      60
ggaggacgca gacggatttg gtgtggatga ctacagctca gagtctgatg tgattattat     120
accttcagcc ctggacttgg cctccacaaa gatgaaatgg ttgaacgccc cctgggaaga     180
ttgggacaaa gtatgctgca agtgagaacc atatttaacc agacaaaatg gtggccccgg     240
agtttgcctc gatacccttg agggaaagt cgcgatgatg aaagagattg tattgctgtt     300
ttgggaaaga attagccaga ttgggccgat gattcagaac caacttgtga gagcggctga     360
attggaacag gtgcctcaca tcgcaactgt tttgttcaag aaaacccgcc tttcaattac     420
catatgcttt ttttcaaaat tcttactacc ctattgtggg ttagatacct tggcagatca     480
gaattaatca ggtgaggaaa acaagtcagg cagctttgct tggctctgtt ggagcaggag     540
ctcattgaac gatttgatgt ggagaccaa gctgtggcta tcctcataga gctgacagcc     600
ccagatagca atgatgatgt gaaaacagaa gctgtggcta taatgtgcaa aatggctccc     660
catgggtggg aaggatatta cagagcgtct taccctccct aggttttgtg agatgtgctg     720
cgattgcaga atgtttcacg gttcggaaag gtctgtgctg ccaattttgg agatattgc     780
agtgtagtgt gccagcaagc tactgaagaa atgttgctgc ccagattttt ccagctttgt     840
tctgataatg tatggggagt ccgaaaggct tgtgctgaat gcttcatggc ggtttcatgt     900
gcaacatgtc aagaaatccg acggaccaa ttatcagcac tttttattaa tttgatcagt     960
gatccttcac gttgggttcg ccaagcagct tttcagtctc tgggaccttt catatctact    1020
tttgctaate catctagctc aggccagtat tttaaagaag aaagcaaaag ttcagaagag    1080
atgtcagtag aaaacaataa aaggaccaga gatcaagaag cccagagga tgtacaagtc    1140
aggccagagg atactccttc agatctcagt gttagtaatt ccagtgtcat actggaaaac    1200
acgatggaag accatgctgc tgaggcatcc gggaagcctc taggtgaaat tagtgttcca    1260

```

ctggacagct	ctttactttg	tactttgtcc	tcagaatctc	accaggaagc	agctagtaat	1320
gagaatgata	aaaaacctgg	taactacaaa	tctatgttac	gaccagaggt	tggcaccact	1380
tcacaagatt	cagctctctt	agatcaggaa	ttgtataact	ccttccattt	ctggaggact	1440
cctcttcctg	aaatagatct	agacatagag	cttgaacaga	actctggggg	aaaaccagc	1500
ccagagggac	cagaggaaga	atctgagggc	cctgtgccca	gttctccaaa	catcaccatg	1560
gccaccagaa	aggaactgga	agaaatgata	gaaaatctag	agccccacat	tgatgatcca	1620
gatgttaaa	cacaagtgga	agtgtgtgcc	gctgcactac	gtgcttccag	cctggatgca	1680
catgaagaga	ccatcagtat	agaaaagaga	agtgttttgc	aagatgaact	ggatataaat	1740
gagctaccaa	attgtaaaat	aaatcaagaa	gattctgtgc	ctttaatcag	cgatgtctgt	1800
gagaatatgg	actccactct	tactatatatt	cacaacgatt	cagacttgag	caacaatagc	1860
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ttagatcagt	atttatctat	gactgaccct	tctcgtgcac	agacggttga	caactgaaatt	1980
gctaagcact	gtgcataatg	cctccctggt	gtggccttga	cactcggaag	acagaaattgg	2040
cactgcctga	gagagacgta	tgagactctg	gcctcagaca	tgagtggaag	agttcgacga	2100
actctagcat	tctccatcca	cgagcttgca	gttattcttg	gagatccaat	tgacagctgc	2160
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tggtcttaaa	cacttgcatt	attttctgaa	gcttcttcat	attgacaaaa	gaagagaata	2280
tctttatcaa	cttcaggagt	ttttggtgac	agataatagt	agaaattggc	ggtttcgagc	2340
tgaactggct	gaacagctga	ttttacttct	agagttatat	agtcccagag	atgtttatga	2400
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ttcctacaag	ttggtcagcg	agatggtgaa	gaagctgcac	gcggcaacac	caccaacggt	2520
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ccagtttgct	gtgcatctca	tgccgcatct	gctaacctta	gcaaatgaca	gggttcctaa	2700
cgtgcgagtg	ctgcttgcaa	agacattaag	acaaactcta	ctagaaaaag	actatttctt	2760
ggcctctgcc	agctgccacc	aggaggtctg	ggagcagacc	atcatggctc	ttcagatgga	2820
ccgcgacagc	gatgtcaagt	attttgcaag	catccaccct	gccagtacca	aaatctccga	2880
agatgccatg	agcacagcgt	cctcaacctc	ctagaaggct	tgaatctcgg	tgtctttcct	2940
gcttccatga	gagccgaggt	tcagtgggca	ttcgccacgc	atgtgacctg	ggatagcttt	3000
cgggggagga	gagacccttc	tctcctgcgg	acttcattgc	aggtgcaagt	tgccctacac	3060
caataccagg	gatttcaaga	gtcaagagaa	agtacagtaa	acactattat	cttatcttga	3120
ctttaagggg	aaataatttc	tcagaggatt	ataattgtca	ccgaagcctt	aaatccttct	3180
gtcttcctga	ctgaatgaaa	cttgaattgg	cagagcattt	tccttatgga	agggatgaga	3240
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tacagcctga	aggcagacgt	gtgccagat	gtgaaagaga	ccttcagtat	cagccctaac	3360
tcttctctcc	caggaaggac	ttgctgggct	ctgtggccag	ctgtccagcc	cagccctgtg	3420
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cctgatgcca	acacaagtag	gattgactta	aactcttaag	cgcagcatat	tgctgtacac	3540
atttacagaa	tggttgctga	gtgtctgtgt	ctgatttttt	catgctggtc	atgacctgaa	3600
ggaaatttat	tagacgtata	atgtatgtct	gggtttttta	acttgatcat	gatcagctct	3660
gaggtgcaac	ttcttcacat	actgtacata	cctgtgacca	ctcttgggag	tgctgcagtc	3720
tttaatcatg	ctgttttaac	tggttgaggca	caagttctct	tgtccaaata	aaatttatta	3780
ataagatcta	tagagagaga	tatatacact	tttgattgtt	ttctagatgt	ctaccaataa	3840
atgcaatttg	tgacctgtat	taatgattta	aagtggggaa	actagattaa	aatatttgtc	3900
ttttaactag	ttaaaaaa					3918

<210> 5710
 <211> 1933
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature

<222> (1631)...(655)
 <223> similar to gi5225320 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 5710

tttttttttt	ttgttagttg	tttttgtttt	taatttgtct	ccaataagca	atgtcttctg	60
ccccatccag	ccatgggaag	tgggtcccac	gtgaaggggg	ccccaccacc	ccactttggg	120
aagctgaagg	ctagagactt	cgggagcccc	ccccggctca	agactccccc	ctacgctggg	180
tgtggggggt	agattcagag	gcccgaacac	cacactgggg	taggttaggt	attgggttta	240
cttaggccac	aggccccccg	ggggcaggga	gacagagtgg	gggggcccga	agctccctgg	300
tcctggggaa	gagttaaaaa	gttctggggg	taggccttgg	gccccgtggg	ggcaagttaa	360
agagatgagg	ggaggtttac	tccttttaggc	ccagggagtt	ggttagaaga	cagttggggg	420
ctggtagaaa	atgcctgggt	taaagccttg	gcctctagga	ggtttttaga	gatttgctgg	480
ggttgggggc	ccagggttgc	tgggaccccc	agtttttggg	gaaggagact	gtaagagatt	540
gggggatggt	ctgagctccc	cagacaagaa	ctgctgggta	agagggggcc	aggcccgttt	600
ggggctcagc	tgtccctgag	gagctcggca	tcccgcctgg	gagatgcagc	tgtcactggg	660
gtttctccct	ctctgttggt	ctggcctcgt	ccttggcagg	tggcggggac	ttcttggggg	720
aagctgaagt	gctgggggtg	gggacccccg	cccccgactg	ggcatctatg	ctggcgtgcc	780
tccttgccga	caaggtcctc	cagctccttc	ttccatccaa	ggagctcagc	aagggccagg	840
cagccctggt	cgcattcacc	cagccaggcc	acgtccctgc	aaggaggtac	ccatgaccag	900
gaggaggtcc	accttcagga	agtctgactg	catacaggag	aagaaacgcg	ctgggagggt	960
ctcaccaaaa	aagacgatta	tcaggcttca	ccaggctctg	acagtcttca	cacttggggc	1020
tcacctcaga	gaagatcttc	tctttcatcc	agcttagcgg	gtattcgtgc	cggcagctgg	1080
cgctgacgca	gtgtgatgtg	tagaagggtg	ccgtgcgcct	ccaacaaagt	cctcctgttc	1140
cagcccggct	attcgtcca	gggtatctat	gttctgcgtg	tagcagcgca	ggagtagccc	1200
cttgtccttc	agcaggcgcc	atgaagtagt	gaacaagatg	gttggccttg	aaactgcccc	1260
aggataagag	ttcccttggc	gagggcgaag	aagggttccg	gatgtttctt	gaaaatagct	1320
gatctccaaa	gaatggcctc	tgggttaggg	aaagatggtc	acttctctag	gttgttcaat	1380
aagaggccgg	tggatggaga	agcgaaaagt	cggggatgcc	tgcggatgtg	gagattccag	1440
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ccaaggtcag	ctcgtccagc	agacgctcct	tctggctgcc	caggctgagc	gtctgggaga	1560
ataagttccg	caggaagtcc	atgtctgctt	ctccaccagc	ggctcctccc	tcagagtctg	1620
aatctgagtc	ctggaagggg	tgggtgggag	tggccaggcc	cagagaggtg	gattagggag	1680
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aagtgcgggg	tgggtggagag	actgcactgg	ggctagctcc	agggtctctg	gacaggctgc	1800
cgggggttga	gtcctggcca	tggcgtccc	caggagcaag	acctcatgtg	agtggctttg	1860
ctttgctttt	cttttttgag	acagtgtctc	gctctgttgc	ccaggctgga	gtgcactggt	1920
gcagtcacag	ctt					1933

<210> 5711
 <211> 4268
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (2249)...(2871)
 <223> similar to gi841318 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400>	5711					
aaggagaaaa	gagtgcacgt	acaattgcct	acagaatcca	tacagaagaa	ccaggaagat	60
aagctcaaga	tggttcccag	gaagcaaaga	gaatttagcg	gatctgacag	agggaaactt	120
ccaggaagtg	aagaaaaaaa	tcagggaacca	tcaatgattg	gtcgaaaaga	agagagatta	180
ataactgaaa	gaaaacacga	acatctgaag	aataaatcag	caccaaagggt	cgtcaagcaa	240
aaggttatcg	atgcacatct	tgattcacag	actcagaatt	ttcagcaaac	acaaatacag	300
accgctgaaa	gtaaagctga	acataaaaaa	ttgccccagc	catataatag	tctgcaggaa	360
gaaaaatgtc	tcgaagtcaa	gggcatacaa	gagaaacaag	tcttctctaa	tactaaagat	420
tcaaagcaag	agattacaca	gaacaaatct	ttcttttctt	ctgtgaaaga	atcccagcgg	480
gatgatggaa	aagggtgcctt	aaatatagtg	gaattcttga	gaaaacgtga	agaactgcaa	540
cagattttgt	cgagagtga	acagtttgaa	gcagagccaa	ataaaagggg	ccttaaaaca	600
tttcagacac	tattaaatac	tatcccagga	tggttgataa	gtgaagataa	gagagaatat	660
gcagttcaca	ttgccatgga	gaataattta	gaaaaagtaa	aagaagaaat	aacacatatt	720
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tcctccaaaa	caggaaaacc	gggaaataaa	cccactagtc	ttgatgaaac	atcatccaaa	840
gtatctaattg	ttcatgtcag	caataataaa	aatagtgaac	agaaagaaaa	taaaattgcc	900
aaagagaaaa	cagtacagca	ccaagtaaca	gctcatcatg	aagcaactgt	tcgtagtcac	960
gtgaaaaccc	atcaggaaat	taaacttgat	gatagcaaca	ttcctcctcc	ctcttttaaaa	1020
acacgcccac	cgtcaccaac	ttttatcaca	atagaatcta	ctgcccgcag	aacagaaaac	1080
cctactaaga	acgagctttc	tcagtccctt	aaaaaggaca	gttatgttga	acccccacca	1140
agaaggccca	tgtcgcaaaa	atctgaaatt	cacagagcaa	acacttcccc	ttctccaccc	1200
aggagtgcgt	ctgaacaact	tgtcagactc	aaagacacca	ctgcaaagtt	atccaaaggg	1260
gccatcccat	gtccagcagc	aaccccggtt	ccaattgtag	agaagagggt	tgaaatcatc	1320
atgtctcctg	caacacttcg	tcgtcaaatt	aagatagaaa	ctcgcggtac	ggactctcca	1380
cctacaatca	caataccagt	aaatataaat	catgctgcta	gtggttcctt	cagagaatct	1440
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ggactaaatt	ccactgatca	catggtgcc	gacactgaaa	gttatgatgc	agttgaaatc	1560
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ttatccaatg	gagtgcctag	tggtcagacaa	gcagaatttt	cataagtcct	gcttccgatg	2340
ccaccattgc	aacagtaaac	taagtttggtg	aaattatgca	tcacttcatg	gacaaatata	2400
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acataagcag	cataaagata	gatggaactg	caaaaaccaa	agcagatcag	tggaactttat	2520
tcctaattgaa	gaaccaaata	tgtgtaaaaa	tattgcagaa	aacacccttg	tacctggaga	2580
tcgtaatgaa	cattttagatg	ctggtaacag	tgaagggcaa	aggaatgatt	tgagaaaatt	2640
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cttacccttt	gaggaagagc	tcaaaatgag	taaacctaa	tggtccacctg	aatgacaac	2760
cctgctatcc	cctgaattta	aaagtgaatc	tctgctagaa	gatgttagaa	ctccagaaaa	2820
taaaggacaa	agacaagatc	actttccatt	tttgagcct	tatctacagt	ccaccatgt	2880
ttgtcagaaa	gaggatgtta	taggaatcaa	agaaatgaaa	atgcctgaag	gaagaaaaga	2940
tgaaaagaag	gaaggaagga	agaatgtgca	agataggccg	agtgaagctg	aagacacaaa	3000
gagtaacagg	aaaagtgtca	tggtatctta	tgacaacaat	aatgtgattg	tgagagtgct	3060
tgaaaaggag	aaaaatgaaa	aaactaacca	aactaatggt	gcagaagttt	tacaggttac	3120
taacactgat	gatgagatga	tgccagaaaa	tcataaagaa	aatttgaata	agaataataa	3180

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<210> 5713
 <211> 2610
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(2611)
 <223> n = a,t,c or g

<220>
 <221> misc_feature
 <222> (87)...(1280)
 <223> similar to gi5262551 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

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gggcatagag	cgcagctcag ggccggcggg cccacgacca actccaacgc ggcaggcaaa 300
cagcgtgcgc	aaggagtccc agaaagaccg caagaaccog ctgcccccca gcgttggcgt 360
ggttgacaag	aaagaggaga cgcagccgcc cgtggcgctt aagaaagaag gaataagacg 420
agttggaaga	agacctgatc aacaacttca ggggtgaaggg aaaataattg atagaagacc 480
agaaaggcga	ccacctcgtg aacgaagatt cgaaaagcca cttgaagaaa aggggtgaagg 540
aggcgaattt	tcagttgata gaccgattat tgaccgacct attcgaggtc gtggtggtct 600
tggaagaggt	cgagggggcc gtggacgtgg aatggggccga ggagatggat ttgattctcg 660
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tttccggaag	ccagcaaata atataacgtc tcagctggag atcaattttg gagaccttgg 1140

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<210> 5714
<211> 1026
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (497)...(237)
<223> similar to gi436173 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

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tcccagctga ccacggcccc tttctctggg gtcagaggga gaagacaggc gcagtcagca 180
ggggcagctg ttgcagggtg gaggggtatt tcccacagg aacaaaggtc tccatgatga 240
tacgggtct ctatagtcac gttgagagcc taatggccct tggcataatt gctggtgtcg 300
gggtagaagg tgtcttgag tttgctcaag tggttgagag ggaggagggt gccatagact 360
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cttaagaagg tgggcaggac ggagatgcca cagtggatgc cactgctgcc acagcctcct 660
cgggactcca ggaaggaagc ctggctctca gccatgcagg atggaaagaa agattctatt 720

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ccaggagggg	agctgccctg	gaacgcccc	aggacagcca	ggacccactg	ttcattcagg	780
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gacaaaacact	gtctccagag	ggcaggacaa	aggaagggca	cggcgccggg	cggtggtgtg	960
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gaaatg						1026

<210> 5715
 <211> 6521
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (164)...(4670)
 <223> similar to gi2370202 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

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tactttttcac	tctcaggaga acccacatgt ctaatattta gacatgatgg caaactgggc 180
ggaagcaaga	cctctcctca ttcttattgt tttattaggg caatttgtct caataaaagc 240
ccaggaagaa	gacgaggatg aaggatatgg tgaagaaata gcctgcactc agaatggcca 300
gatgtactta	aacagggaca tttggaaaacc tgccccttgt cagatctgtg tctgtgacaa 360
tggagccatt	ctctgtgaca agatagaatg ccaggatgtg ctggactgtg ccgaccctgt 420
aacgccccct	ggggaatgct gtccctgtctg ttcacaaaca cctggagggtg gcaatacaaaa 480
ttttggtaga	ggaaaaaagg gacaaaaggg agaaccagga ttagtgctctg ttgtaacagg 540
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<210> 5716

<211> 4188

<212> DNA

<213> Homo sapiens

<220>

<221> misc feature

<222> (1803)...(1580)

<223> similar to gi504529 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 5716

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aaacacccag	ataaagaact	ttagagaaac	tggttaaaaa	gatttataat	tcccaactgt	4140
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<210> 5717
 <211> 728
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (530)...(179)
 <223> similar to gil330342 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 5717
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 gtcagcagtc cacatctctg cgtcccccct cccacgcat ccaactcccct cacgccgtgg 120
 ggcaaaaagg aggggtgctg ttgcgcgcgg agagcgcggt atgggtggcg aagtcccagc 180
 ctctacctag ccccgcgcta gtcgtgggtt cctccagcc acccctctgg cccttcattc 240
 cggtccctcc ccagacgggc cctcctcctt tctcatggac cccaagagg cctctcgcgt 300
 tctccccga aggaccccta tgcctagcca tggatcctcc attccccacc ctcccgtttt 360
 cccgtcccg cagacggagcc ggtcccagc cgcgcgagc ctccggcctc ggatgttgac 420
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 tctccccgc acttgggggt ctccccacag cccgggcggg ccgcctgggc tgcactggcg 540
 tctgagagct cctgacacaa ggctgtggga aggaaccctt ttaagccaaa ctgggggcaa 600
 aaggggagcc agacatcccc gggctgggccc acgtgcgggg cagggacttc taaggatctg 660
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 gcggtgga 728

<210> 5718
 <211> 2892
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (2481)...(452)
 <223> similar to gi758066 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

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 atacaaatgc attattttta tcatatag tttaatcatt aattatctca taagtcaatg 180
 cagagagtga aattactatg aattaaactt ctgttcacaa tgtacagtat tttgcatatg 240
 ttgactttac ttaattgtac atttttgttt ccaaagttaa tgttaaatac ctgggtgcata 300
 ggttggtgtc aagcaattac tctcattgtc ttgtcataca tgctaacatt ttgctaaata 360
 taaatctaca agtatcacag ctgcatatat ttctgaagtg gttagaacag aggaggatgc 420

tgaaaagttg	agttctttaa	aatcttcggt	caaaacaaga	gattttcatc	tatgtcctct	480
tctttaattc	caaagcagtg	gccccactcc	ttcaggggtga	tgtgcttatc	cttgttgggg	540
tcacactcct	caaagaaacg	ggttatgcag	tgttccatgg	gcaccagaga	tgctcgcaga	600
ggagcaagtt	cagaatgtgt	caagactcta	tccatagggg	gttgggtcaag	ttcactaaac	660
tgccagtgca	caggatacac	atacatgtgg	tagtttttct	taaagtcctt	taagagaaga	720
tcaatgggat	ggtccccagc	caaaagcctc	ttttcatccc	aggtaaattt	tcttgacttt	780
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ctggcaagac	acaagtgagg	ttttccctcg	ttggtctgcc	ttacagatgt	ggcctctttt	1140
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tgcattttcc	tcttccattt	ctgcattgga	gttatcttct	tggttcttgg	taccctgatc	1680
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tctttctttc	ttggttatca	ttgtgggtac	caacttcacc	tggtctcttt	tcttcttctc	1860
cttctccatt	ggaaatatct	ggatcctgct	cttgggtttc	ttgatccctt	aggccttggc	1920
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tgtccaatgt	acccttcaag	ttggtgccat	actcccaaata	tccacactta	aagtgaacca	2160
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gattcctgga	tttccctagc	aggctggcct	ctcatgcgag	ggctttacag	gcagtgcctg	2820
caaaccaaaa	gggaaagagc	taattctggt	ggcgtggatg	gggttaacag	tcttcccccg	2880
gacgcgtggg	tc					2892

<210> 5719
 <211> 1692
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(1693)
 <223> n = a,t,c or g

<220>
 <221> misc_feature
 <222> (1550)...(563)
 <223> similar to gi4584796 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 5719

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atattaaata	ctatctaaat	taaaagacca	taattcaaata	tgctaattat	aatatttgtg	180
tcggtagaaa	taactatagt	tccccttcat	gaaattcacc	cccacgttct	catgaagact	240
atgacgtctc	accacaatth	cagttattta	atttacaata	atcaatgctg	agtthttctgt	300
gctgaagcat	gcactgttac	agaaagcaca	aaatcctatt	tacagggatt	tttagttttc	360
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gaaaaaggct	tctttctaaa	agaagtatgg	agataggcta	tccaatactg	cnggcaggaa	480
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ttgtatgctg	tagcaagagg	tctcatggta	gaaatcctag	gagtacttcc	aggttgtgtt	720
ggtgtacctt	gagttttgat	tggtgggtgta	aaggctaaag	atggagatga	taaagcacat	780
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cgaatatgca	tccaatttcc	tgtatttagac	atccacatgt	tttaagatat	tcccccatat	960
tgtgcaaatt	gtaagtaata	tgtaggaaag	cagatgcctt	gaggaaaccc	caaatacagt	1020
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ggatccaact	gggcaggaga	taatgtcgtc	tttcgtggct	gaccgatact	tgctggacta	1140
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ggttcagatc	ctaacgcggg	cccctgaggt	tccactgcaa	aggctgccat	tgcgtcggca	1560
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tgggcggacg	cgtgggcgga	cgcgtgggtc	gttccagggt	tatcagtcgg	tacgcaggct	1680
ttcagtggca	ag					1692

<210> 5720
 <211> 3593
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(3594)
 <223> n = a,t,c or g

<220>
 <221> misc_feature
 <222> (105)...(3593)

<223> similar to gi38458 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 5720

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tccggagtcg	tggcggtggc	ggtggtggct	tccacaggcg	tggaggaggc	ggcggccgcg	180
gcggcctcca	cgacttccgt	tctccgccgc	ccggcatggg	cctcaatcag	aatcgcggcc	240
ccatgggtcc	tggcccgggc	cagagcggcc	ctaagcctcc	gatcccgcca	ccgcctccac	300
accaacagca	agcaacaagc	caccaccgca	agcagccacc	gccgcagcag	ccggccaccg	360
catcagcccc	ccgccgcac	cacaagcncg	catcagcagc	agcagccgcc	gccaccgccg	420
caggactctt	ccaagcccgt	cgthgtctag	ggaccgggcc	ccgctcccgg	agtaggcagc	480
gcaccaccag	cctccagctc	ggccccggcc	gccactccac	caacctcggg	ggccccgcca	540
gggtccgggc	caggcccgac	tccgaccccc	ccgcctgcag	tcacctcggc	ccctcccggg	600
gcgccgccac	ccaccccgcc	aagcagcggg	gtccctacca	cacctcctca	ggccggaggc	660
ccgccgcctc	cgcccgcggc	agtcccgggc	ccgggtccag	ggcctaagca	gggccagggt	720
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taataatgtc	cctcaagtht	atgggcagtg	tacctgtgtc	cactgaatth	ccaaagtgt	2640
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<210> 5721
<211> 9654
<212> DNA
<213> Homo sapiens

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<220>
<221> misc_feature
<222> (50)...(9391)
<223> similar to gil661108 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

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<210> 5722

<211> 1639

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (18)...(1140)

<223> similar to gi403144 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

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<210> 5723
 <211> 845
 <212> DNA
 <213> Homo sapiens

 <220>
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 <222> (652)...(799)
 <223> similar to gi21992 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

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gcgagtgtct	gggcccggcg
gttgatgcga	aggtctgctt
gggagggggg	cgagggatgc
cgcctccgca	ggcctgtggg
tggctgtgct	ggactgaccc
aggcgggtcat	gctgctggag
tggcccatga	acgggagggg
tcagccttgg	ggagacctgg
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agcgagccgc	tggaggggat
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cacggagccc	atttgcagag
ggggt	

<210> 5724
 <211> 1555
 <212> DNA
 <213> Homo sapiens

 <220>

<221> misc_feature
 <222> (1211)...(294)
 <223> similar to gi4928064 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 5724

tttttttttt	ttcacacacc	agcacgtccc	acctcgtgct	cacggatttt	attacacaga	60
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ggacgatcac	ggcccagcaa	aagcgatgct	gagaggggaa	acagtccaga	gtccaacagc	180
agaacttggg	ggaagcggtc	ggggtggcca	ggaacataaa	ctatgtatag	gggccggggg	240
cttctgcccc	gggctccctt	ggaccaggac	gccaggtagg	gcagggaacc	tcagtagtcc	300
tccacccagc	cattctcaga	gatgaatgcg	tcaataacct	ccttcatagc	caagttgggg	360
atgagctggt	cctgggtcag	ggggctccgg	gtcacggggg	caaaatgacc	cacacgctgc	420
aggtgctcct	cgatgtcctt	gcggtcgtag	gtgatgccac	tgggcgtgat	gcacggctcc	480
cgcacagct	caaagctgat	cttgccacac	aggtagtcgg	ggatgtctcg	cttcttcctc	540
ttctcatcca	cctgagaaaa	aagctcgtcc	atgtccgcca	tgtacttgct	gtgcttggcc	600
tcaatgcagg	cctgctgggc	ccggacgtgg	ctgtcgtcct	catcaccttc	gtggtttcgc	660
tagctctctt	ccagctccct	ctcaccgctt	ccgcggcatg	aagcctggag	aggtaggagt	720
gcagctcgct	ctcctggtgg	atgcgccgct	cctcaatgct	gttccagcgc	ttcttcttcg	780
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ccaggctgta	agctcgctgc	agattggcga	tggcctcatc	atagctctcc	atctccagct	900
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ggcagtcggc	cagggcctgc	tcgtgctgct	gcatcttcag	gtagcacaag	gcccgggttg	1020
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tgcccttcat	ggcgccgcgc	ggcagggcct	gggtccgct	cccaagctcc	gcgcctcgcg	1260
gcccagcgcc	cgcagccgga	gccccgcagc	ccgagcccgc	gatccgctcg	ggcccggccc	1320
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cgagtggggc	cgcgcgtgcg	cccaaccagc	ctggacgggg	acactggggc	cgcgacgtcg	1440
ggggctggga	ggaacgctcc	agttccctgt	ccccgcgctc	ttaaggggtg	gcgttcgcgt	1500
aggccctggc	ctgccctgct	gaggtctctt	cggcaccgcg	ctcggcgggc	gccgc	1555

<210> 5725
 <211> 743
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (570)...(131)
 <223> similar to gi5104682 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 5725

tttcgtcggg	cctgaacttc	cagggccggc	tactcctcgg	cagagcgacc	gcgcggtgct	60
tcagagcgcg	gcccggagcc	gcactaagag	cgctggacgg	cgggagagag	gctcggagga	120

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ccggtagctc ccagcaaagc ggcccagcgg atgtcgggag ctatcttcgg gcccctggag 180
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cagtacgagc gcccgtgtct tctggactgt ttccacgact tctgtgccgg ctgcctgcgt 300
ggccgcgcga ccgacggccg cctcacctgc ccgctgtgcc aacaccagac ggtgctgaag 360
ggtcccagcg ggctcccgcc ggtggaccgg ctgctgcagt tcctggtgga cagctcaggg 420
gatggcgtgg aggcggtgcy ctgtgccaac tgtgacctgg agtgacgcga gcaggcaggg 480
gcggcagggc ggggtgggtga ggagcaaagg gtacccgggt gcacagtccc caatgcttgc 540
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gggcaccttg gcccctaatg tgaaccccat tataccgggt gggagactga ggtccagaac 660
aagggacttg agccagtgtc cagacagtgg cagaggctaa ggccattcga tctggggaga 720
gctcactggt ccccaattca ggg
743

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<210> 5726
<211> 946
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(947)
<223> n = a,t,c or g

<220>
<221> misc_feature
<222> (875)...(14)
<223> similar to gi296669 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

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<400> 5726
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ggacctcgca gtcccgggga ggggtgcggga ggtggccgcc ctccggaacgc ctccggccct 180
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ggggcggggga cactgatggc cattgacccc cggagggtct cctgtaagaa gggactgctc 360
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agggcccgga cgtcagaccc cccgggcgca gggcgcggtg ataggcctgg gactccagac 480
gtggcccctt tctctcgtgc tctctggacc tggcgcgggg aacacctaga gcccataatc 540
ggcctccggt ccctgaggat tcggaaactc ctgacgcagc taaagtgaat ctggcgctga 600
gatgccccct ccatggggcg gacgcggagg gaaggggtgc ccagttgggt tctggggccc 660
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tgcccccgcc acgaaatcgt cgaccgggaa attccggncc ttgtat 946

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<210> 5727
 <211> 2338
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (934)...(1411)
 <223> similar to gil707262 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 5727

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gga	aggaac	tgacc	agcga	ctgag	cggcg	gcgc	gccgc	gcgc	ttagc	gccct	gaacat	gcgg	180
cag	tccctgc	ggg	cgacccc	ggg	ctccgga	caggc	ggcg	gcgc	cg	gagcg	ggc	ggctc	240
gga	aggaggc	ggc	ggcg	cgccg	gcggag	gtgg	cg	gcggag	ac	ggccg	gcgc	cggcgc	300
cc	tagggag	gcag	ttcagc	gcgc	cctcg	gcg	gaag	gatgct	gtccc	gaaag			360
aaa	acaaaa	acga	agtgtc	caag	ccggcc	gaggt	gcag	gga	agtacgt	gaaga	aggag		420
acg	tcgcctc	tgct	tcggaa	tctt	atgcct	tcatt	catcc	ggc	atggtcc	aaca	attcca		480
ag	acgaactg	atat	ctgtct	tcc	agattca	agcc	ctaata	cct	tttcaac	ttct	ggagat		540
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ata	atgagaa	gagaa	agcaa	cag	attatct	gcac	cttctt	at	cttgccag	aagt	ctagca		660
gat	gtcccta	gag	agtatgg	tt	cttctcag	tcatt	ttgtaa	cg	gaagttag	tttt	gtctgtt		720
gaa	atggag	act	ctggttc	cc	gatattat	tatt	cagaca	at	tttttttga	tggt	cgagaa		780
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act	caactgga	gcc	atcctct	tg	agcgagaa	gg	acttctc	ct	ggatggga	acg	agttgag		1080
tc	atccgaat	ttg	gaaccta	tt	atgtagat	cac	acaaata	aga	aggccca	ata	cacggca		1140
tc	cctgtgct	cct	acgtgta	cct	cggtatg	at	caaccacc	tc	ctgtcaca	tacc	agccac		1200
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gg	gaactctt	cc	agctggct	gac	ctggata	cat	accagg	aat	gctaaag	tt	gtctttca		1380
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aatt	attact	tg	ttaaacttc	tt	acagcag	agt	accttct	tt	aaaaaaaa	aaa	agaatct		1860
gc	gtattttt	ttt	aaaaaaaa	aag	tttactg	ct	gtagtgtg	aa	tattgtc	tg	gaaaggga		1920
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ac	aaaaaaat	tag	ccgggta	tg	atggtgtg	tg	cctctagt	cc	cagctact	tg	ggaggctg		2220
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gc	actgcagc	ct	gagagaga	gag	agccaga	cct	tgtctca	aaa	ataaaa	aaaa	aaaaa		2338

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<210> 5730
<211> 3005
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(3006)
<223> n = a,t,c or g

<220>
<221> misc_feature
<222> (2534)...(1270)
<223> similar to gi4884303 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters
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<400>	5730					
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cagaaatcct	taaaacacat	acatacactt	aggaggaaaa	aggagatgaa	tgcccaatgt	180
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gaggagagaa	gcggaggaaa	gttgtgtctt	gccgcctcca	ggacacagcg	ggaattcctc	2940
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tggcg						3005

<210> 5731
 <211> 5889
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature

<222> (1)...(5890)
 <223> n = a,t,c or g
 <220>
 <221> misc_feature
 <222> (4760)...(694)
 <223> similar to gi3882297 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 5731

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catctagaga	aaccctaac	ctgtgatcta	gcttccgagg	ctcagtgttg	gttcttgtgg	180
tagtgctgat	gtgtgggtac	cactgaggcc	aggccacagt	cgcatgtacc	ctcctctggg	240
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<210> 5732
 <211> 2716
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (593)...(32)
 <223> similar to gi2388904 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

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<210> 5733
<211> 2022
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1293)...(722)
<223> similar to gil276645 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

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<210> 5734
 <211> 2296
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc feature
 <222> (1947)...(1305)
 <223> similar to gi5921473 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

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aataaagcat	tttaaagtaa agaataatat aggaaataga agctatcata cttgaagtgc 1320
cccctaattt	tcavtgavat tttcccccaa taaagggtgac agctgctcca cacaaggata 1380
atacaggaaa	gtttgtaagt tcttaggata tgcccagcac cagggcggaa gatattgtgt 1440
cagcaaatc	catagcaagg aaggagaaca ggcatggctc tccacctctc ccagcctgaa 1500
ggtcaagttg	cagggaatcac tgtctaagca tgacagccat acaaagcttc tctccatgag 1560
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ttgtccctgg	ctgggcttcc agagttcatt ctttactcaa ggataacacg gcgatgaacg 1680
tcttacaact	cagttgtttt gagtacagcag gggtgtggg gccgctagcc gagttcccc 1740
tgccacgagc	taggtcagtt ccaagcaaag acaccagaaa ctccagtgtg caacggtagt 1800
tcaccaact	gcactgggga ccgccctctc ctaccccagc caggccgcga cgtggccgcc 1860
cgcgggtg	tgcgcaaagg cagcgcaagc cgttgggatc ccctgctccc cctcactcaa 1920
cagtcgggccc	attacaactc tcatactgcc aaccacagag ccacttcgc aaccacactt 1980

atccccacct	tggctatcat	cacccgatga	ggcaaccagc	cagaacgcct	gaacgcaggc	2040
acatacttcc	tattctacac	cctagtaggc	tcccttcccc	tactcatcgc	actaattttac	2100
actcacaaca	ccctaggctc	actaaacatt	ctactactca	ctctcactgc	ccaagaacta	2160
tcaaaactcct	cagcctccca	agtagctggg	actacaggca	tgcaccacca	cacctggcta	2220
tttttgtatt	tttactagat	tttcaccatg	tttactaggt	ttcaccatgt	tagccagggt	2280
ggtctcaaac	tcctgg					2296

<210> 5735
 <211> 1671
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (1179)...(1490)
 <223> similar to gi3002527 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 5735						
caaggattaa	aagaatatga	tcaagcattg	gtaaatTTTT	ttccaaatgt	ttaatTTTTT	60
aaaatagaca	actaccttta	taaatcatac	acctaactta	aatgtTTTTT	tccaattaaa	120
ggctgatctt	aagaaagctc	aggggatagc	accagaagat	aaaggtaagt	tggcagcttt	180
tgtagtga	gttaatTTTg	ttattttaa	acttatcctc	aggaaccatt	gttcactTTg	240
ccagatttta	gatgtTTgtt	caacagacac	tacagaatgc	ctgctgtTgg	gccaggcatt	300
atcatatagc	aatgaacaag	acagtcaaag	tccctgccct	caaagagctt	acattctact	360
cccattcaag	aatatagtag	TTTTtcacgt	tatttattct	tcaagttatc	atctctgtag	420
TTTTtata	gtctaaatac	tgtttgtctt	atggtatcct	ttgagactgt	gttcctattc	480
tggttagtct	aggtcgagag	gctcagcatt	gtaagacaca	gtattccatg	gtaaatTTta	540
ccatttggga	cccattcaag	ttgaatgtgg	ctataacctt	agtattgatg	tactggttat	600
atgttttagg	aaactatgac	aaaaataagc	ttgtttttca	aataaaccac	ctatgaatag	660
tgacactaga	tctgggtatt	acaaaatgtc	tttgggtctc	tattactaaa	atgaaacaag	720
ggaagcaatt	actgttctct	aatgtagagg	cagaaggcaa	atcttgatgt	acttgagttc	780
tctcagttga	catcctctaa	aattacgttt	catttctgtg	tttgtgtgat	tgctcagatt	840
ttctgttact	agggttagt	tactttgtag	agaagTTTTT	tcaaggggta	gttaacatta	900
aaatagtttg	ttagtcacca	taatTTTTTg	gatatTTTTg	gaaataactc	acattgcata	960
tttattttac	agctatccag	gcagaattgc	tgaagtgcaa	acaaaagata	aaggcacaga	1020
aagataaaga	gaaggcagta	tatgcaaaaa	tgtttgctta	gaaaggattc	agttttgctt	1080
attgtgtgtt	gattgtataa	atgcaataag	aaaatgtaaa	ggtttttgtc	tatgaatatg	1140
atccctaattg	tgtttctttt	gacaccttag	ttccttactg	tttacagttt	aggagtactg	1200
ataggggttc	atgcttaata	aacatgtcac	aatacagtaa	gtaaagtggg	tttgtttggt	1260
tctttgagat	ggagtcttgc	tctgtcacc	aggctggagt	gcgggtggcg	aatctcggct	1320
cactgcatcc	tctgcctccc	gggttcaagc	aattctcctg	cctcagcttc	ccaagtacct	1380
gggattacag	gcacgtgcc	ccacgcccag	ctaattTTTT	tatttttagt	agagatggg	1440
tttcaccata	ttggtcacgt	cacgttgggtc	ttgaactcct	gaccttgtga	tccacccgc	1500
cttggcctcc	caaagtgtctg	ggattacagg	tgtgagccac	cgtgcccggc	caagtaaaat	1560
gttttttaaa	atgggttatgt	gcattattca	taaaaaataa	tgggtgtccag	tcttttttaa	1620
cttgtaaaga	cacatcttat	tgaataaaga	gatgagagct	taaaaaaaaa	a	1671

0940376.03100

<210> 5736
 <211> 3035
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (2946)...(223)
 <223> similar to gi29731 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 5736

caccttcaaa	tgcactcaag	accataaaaa	taataaaaaca	tactagctgc	tccatttttca	60
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cactgtgaag	tcaccaaagg	aactcctgcc	cttctagggtg	ccacttgagt	aataactccc	180
aactcactgg	tcctctaacc	ctgcagcagg	gagatgggtgt	gctaggtagc	tacatgggca	240
ggagaagaaa	tggaaacaaa	ttcccggagg	atgttttttg	ccatctcgat	gttggttctgg	300
gcaatgacca	aagctttctg	gatgtcctgg	taggagtacc	cctgactcat	gagggttctcg	360
atctcactgg	agagctgagg	tgagggcggt	ggcagcagag	gcggcaggac	cactaccttg	420
ctgacagctg	ccagctttcc	gttcagagtt	gattctccgc	gggaatgggt	ttggaggcct	480
ctcgggaact	tgggaacctt	cagtgcacatt	ttgtgggttag	ggatcccttt	ccaggacaaa	540
cagaccaagg	aagagctcgc	atltgagata	tctgagagag	ttcggcgggc	catcccggcc	600
ggcacagggtg	gctttgggac	atcataccca	tcacccctcat	tttctgactc	ctcgggacca	660
gtgttggtctt	gggctgcggc	caaattccct	tcaccaaagg	tgctgctctc	ggtgatagat	720
ggcgccctggg	actgaatatt	atacattgct	tcatacgtac	agctatcaat	ctgctggctcg	780
caatcacatg	ctcgtgaact	ctgggatgta	tccaaaggcc	gtagaggcct	ggaagaggga	840
gtcatgtact	ctgtgtcctc	ttcacccctca	cattgctccc	cagggtggcag	ttttggcaca	900
ggaagagggtc	tggcagccag	agaataaatg	gcattggcag	atgaggaagg	tttgatttttg	960
gggtggtcac	actctggacc	tactaatggg	ctgctattca	tactcatgga	ggtatccaga	1020
ctgaacgtgc	ttccgagcct	aggcacatct	ggtctgggct	ccattttgtga	gggcaatgaa	1080
aatggaagtg	agtgcgggtt	ggttaattct	cttcctgtcc	agggatcact	ggaacttggg	1140
gcagatactg	gtactttggg	gattggccgg	ggcagccatg	agtctccaag	gcggctagag	1200
gggacagggg	gcagtttgtc	tctggaggga	cagtcgcctg	gtgtacaagg	caaggggcgt	1260
ctttgagggtc	gggattctgc	tccaacagaa	tatggccgggt	ctggaggcgg	tgggtggtgga	1320
agatctcgaa	gtgtgggagg	tactggcaat	ggtttgtctt	tatgaaggga	gccagaagca	1380
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aggtcaagtc	gtggtggcac	cggggggaagg	gaagcttgtg	gggccatgga	gaatggagaa	1500
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cgttcatcat	catcatcatc	ataatttggg	gagggagctc	cctctgctcc	ttgcctcaac	1620
aggctgccac	tccctctagg	atcaaacgga	tctaccacga	tgggttcagt	acctttaatt	1680
tcacatcggc	agaaaggaca	gccctgacct	tctgattcct	gccaggatgt	aagacaggat	1740
gtgcacatga	ggtgtccaca	gggctcaatc	tttatacctt	tatcattttc	agcacatatt	1800
ttacatagtt	ggaatgtgga	gcccattctca	cagcataatt	catattgttc	ctgggtcact	1860
ttgatattgtt	cttggggagt	tggttcacat	aagcagtcga	gatcaggatt	ctgatttctg	1920
ccatcaggaa	acaaatagaa	gccttccctg	aagccatcaa	tcagtgcctg	gaagagagggt	1980
ttattgtgag	ggattgtctg	gagaatgttc	ccatcagcag	taacataccc	aatagcccac	2040
tgaccagagc	gagtacagct	cagccggaag	atataactgc	caggtttgtg	aatgaatttc	2100
tggagccgag	ctttcacttc	gtcatacgtc	aaaaaagcca	tgtagccagg	atgagttaca	2160
gcaaggctgt	tccaattcct	gagcaaagag	gaccagggct	gaaagagtcg	ggtaaagatg	2220
tcaaattcaa	aaaccgaaat	ataatcattg	caggtcagat	caatagtgga	tttcagagcc	2280
atggcctcca	gcccagaact	gatgggatgc	acttcatgta	gagcctgtcg	aaagctcttc	2340
caagggacta	ttgtcttttc	cccaaaagct	tttctccaaa	attccgcagc	atctgcttta	2400

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gtaatccgaa atgtgtctcc ctgaaagagt ccacttggaa agattccttt tagttctgcc 2460
agcatgtggc tgaagatgag ggacagtttg gttaggtttc gcctaggctg agaattctcc 2520
tcatacattc tttcttttcc ctcccttgaag aggcttatgg tttgcttagt tttcttcac 2580
aaattctcca taaacaccct aaaataactca ttttctccaa gtgtctccat cttcccctca 2640
tatcttgaca agatagtacg gagatgctgg taggtatctg gtagcaggct taagatataa 2700
ggtgggctat tcttttagcg cagcttttggg ttctgacaca accgcaccac cttgtccatg 2760
agcttccagc acttctccac catcttcttg tccaccgtcc ccggcgggtg ggggctgagg 2820
tggtggtggt ggtggtggtg cggctggaag gcgtccttca tgagcccaat caggccaccc 2880
gaacccgagc ccccgagagc gctgccgcc cgggccccag agctcttctt cacgttgccg 2940
gccatggcct gggcagggtc ggagcccagg cgggtccgcc ggctcggctc gactgcgagc 3000
gagggagaga agcagggcgt gaaggaggga cgaaa 3035

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<210> 5737
<211> 1832
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1782)...(0)
<223> similar to gil006659 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

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<400> 5737
tttttttttt ttgaaggaaa ggaactttca atgagaaatc aaaacacagg ggaaccaaag 60
tgcaaatcat ccacccccca tggggggggc aatcctgaac cccacatcat cccctcagcc 120
cccttcaggc cccagcgca ggcccagggc tcgcatgctt ctgcctcagg tagctcttga 180
gctgggggca ggcctctctg ggactccagt tcctcgaagg gtagacggca gggagcttga 240
agcccattca ggcctagggt gccgttccct caggggccct tcgagccag tcaggcaccc 300
gggccgtccc ggcagtaaat gccagccgt tcccgaaca ccagcaccac cctctgggca 360
agggctctga gtagtggcgc tagaggcagc ctgggccctg tgggcaggac ccttggtggg 420
tatggcagga aggggtcctg ggtcctcacg ggaagcacag caccagagct gctggcgcac 480
agcaggaagt ctgtgcagta gcctggaggc acagtcaggc cctggcggtg tttctcctcc 540
cccagcagct ggcgcaaccc ctcaactact atgtccttgt gactgtactt gcagcgggca 600
cggtcggtga tgagaggctg gggaaagatg ggcacttgct gccttcgggg aaggcgggga 660
ccccggtatc ctgggagctc cagctccacg gccgtgtcca gcagggagag gtagcgacgc 720
acaatcagag catgaggggt gccactgatg tagttgatga agccagggga aaaaacaaag 780
tgacagggtc tgaagggcag gcaccgcagt tggcacagt acatcaagat gttgactgta 840
gccagggggt ccacccctgc ttcccagacc aagggcagga ccaacttctg taccaccttg 960
tggtccaggg gcaggtagtt cagtcgcca aagggcagga ccaacttctg taccaccttg 960
ctgctgagtt gcgtttcctg aaccaccagg aagtgggcaa tggcttccag aagctggggc 1020
tcccgaacc ggtgccgggc cagggtgctg gccaggagca ccatcacgtg gggagtcagt 1080
tcctctggcc ttgcctctgc caggctgctg atcagatgct gccgtggata ccgcagaaaa 1140
cgggggcagc ttagagcagc ttccaacctc tgccacctc ggagaagggg ctgcaaaggg 1200
ggaggtggct tcggaggag gcggagcctt cgctcctgtt ccagggcaca caccagggga 1260
ccatcagatg gaaagccaag taagactgca aggtgcagac acacgtggat ggtgtgaatg 1320
tcaaaggagg ggcagtttct gatgatgagc tgactcaagt cctgcagtgt gacctgctcc 1380
acaggagggg gccgtggccg agaccccaag agctggcca gacgacgaag cgccaccgag 1440
tagtggtggg cgcgcacctt gctgggggtt tggcccagcc agcgcagcag ctccccaggg 1500
ctcttcgcct gttccagaag ccgctgcagt ccttgccagc gacctgcact ggggcctcct 1560

```


agcggaagcc	tgtccgcact	tggcccaagt	gaaatgcctg	ggttggggca	gtggccagcc	2220
ccattatcac	acacagctgt	ttctccatcc	cacatgccgt	tggggcgaca	ctgacgcaca	2280
ggcgagcccc	gcaattatga	agccatcctc	acactcgaag	ctcacattgc	caccacaggg	2340
ataggacccc	agccgtgggg	tataaatgcc	attctcaaag	gagacagggg	ctggacagcg	2400
cacaggtttg	cagaccgcct	tagacagaga	ccgggtggct	cctgggggtct	gccactgtcc	2460
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gttctgaggg	caggagggag	ccgagtctgc	cagacctggg	tacaggaaca	gcaggcaaaa	2640
aagaaccatc	agtgggccc	tgggtgcctc	cctagggggcg	gcgagaggta	gagagccgcg	2700
ggagggaaaa	ggatcatctga	cttcccga	actagagctg	ggtcagcagc	tgcttcattg	2760
ctgccagaga	agaaaaacca	gggagtggca	agggggatgg	tcttctgtta	gggaaataat	2820
aagcagggat	tggggactga	actgaagggt	gaaacctttg	ccctgtctcc	ctgatgctaa	2880
tatatctata	gggtcaatag	atctccccc	caggctttgt	gtactgcctc	cacgtccac	2940
ccacccatgc	gtgcacatgt	gcaccataca	cgcatgctct	caaacacgca	ggcaagcaca	3000
tattggggag	ttccccagc					3019

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<210> 5740
<211> 1617
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (377)...(972)
<223> similar to gi5726238 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

<400> 5740						
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cccttagcgg	caagtcccgc	tttcttaggg	ggcaagaacc	ccccaatcgc	ttatttccgc	120
cgcaccccaa	cctcttatct	ctgtgcccc	atcacttatt	tctgcacct	gacctcttat	180
ctctgtgccc	caatccctta	tttccctgcc	ccaacccctt	ctctgctttc	ctggagggca	240
agaacccctc	gcccccttct	cctgtctcta	ctcttttctc	tgggcttgct	ccttcactat	300
gggtaagctt	ccacccctca	ttcctccttc	ttctccctta	gcctgtgttc	tcaaaaactt	360
aaaacctctt	caactcacac	ctgacctaaa	acctaagtgt	cttattttct	tctgcaacac	420
cgcttgcccc	caatacaaac	tcgacaatga	ttccaaatag	ccagaaaacg	gcactttcga	480
gttctccatc	ctacaagttc	tagataattc	ttgtcataaa	atgggcaaat	ggtctgaggt	540
gcctgacgtc	caggcattct	tttacacatt	ggtccctccc	tagtctctgc	tcccaatgtg	600
actcatccca	aatctttctt	ctttctctcc	tttctgttcc	ttcggctctc	accccaagtt	660
ccgagtcctc	tgaatccttc	ttttctatgg	actcatctga	cctccccctt	tctccccagg	720
ctgctcctcg	ccaggctgag	ccaggtccca	attctcactt	agcctctgct	ccccaccct	780
ataatccttt	tatcacctcc	cctcctcaca	cctgggtccag	cttacagttt	cattccgtga	840
ctagccctcc	ccctcctgcc	cagcaattta	ctcttaaaaa	ggtggctgga	gctaaaggca	900
tagtcaaggt	tagtgctcct	ttttctttat	cccaaatacag	atagcgttta	ggctcttttt	960
catcaaatat	aaaaatccag	cccagttcat	ggctcatttg	gcagcaaccc	tgagatgctt	1020
tacagcccta	gaccctaaaa	ggtcaaaaagg	ccgtcttatt	ctcaatatac	attttattac	1080
ccaatctgct	cccagacatta	aataaaactc	caaaaattaa	attccggccc	tcaaacccca	1140
caacaggatt	taattaacct	cgccttcaag	gtgtacaata	atagaaaaaa	gtttcaattc	1200
cttgccctcca	ctgtgagaca	aacccagcc	acatcttcca	gcacacaaga	acttccaaac	1260
ggctggaccg	gcagcagcca	ggcggttcct	ccagaacctc	ctccacagg	agcttgctac	1320

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acgtgccgga aatctgtggca ctgggcaagg gaatgcccgc agcctgggat tcctcctaag 1380
ccacgtccca tctgtgtggg accccactga aaatctgact gttcaacttc acctgggcag 1440
ccactcccag agccccgtgg aacctctggc ccaaggctct cttgacttga ctccttccca 1500
agatctttgg gcttagcaag ctgaagactg acacttgccc gatccgcctt cggaagcccc 1560
ggagaccatc acggacgccg agctgccagt aactctcaca gtggaagcta tctgtgtc 1617

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<210> 5741
<211> 867
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (97)...(357)
<223> similar to gi288145 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 5741
gatttttcaa gtactgctat ttttaaaaaa tccaccagag gcagaggctc ctgcctgtaa 60
taccagcact ttgggaggct gaggtgggag gatcgcttga ggccaggagt ttgggaccag 120
cctgggcggc gtggcgagag accctgtctc tacaaaaaat aaaattttaa aaattagctg 180
ggcgtggagg aggcattgcac ctgtggtctt ggatacttgg ggggctgagg caggaggatc 240
acttgggccc gggagatcga ggctgcagtg agccgttatt gtgccactgt actccagcct 300
ggacagcaga acaagaccct gtctcaaaaa aaacaaaaaac aaaacaaaaa aaatcctggc 360
attttcatca catttcatca ttggaatagc cttactgtat ggatagtgcc cataatttta 420
aaataatttt taaataatta ttgcttaatc agataattgc taaagtaaaa tttcccaaat 480
tttgctttca catcgacatt tatttgctat cactgagttt gtacccctaa tccattaaaa 540
agtagaaaac agtgaaatag ggcatttggt ctaagtaatg ggagaagatg taactggaga 600
agatggaaaa aagttgtaag aaccactgct ctgtataggt tgtaaaagca gtattaaata 660
tgggtgcctgc ccttgctaaa ggtaacatga agtaataggt agggtaaag cactcagctg 720
tgtgggttgc ttgaaagatc ttgtgagcct gttcactctt gcagttgaaa gactggatca 780
cttctttctg gcgttggtta tttttatgca gactccagcc tggacagcag agcaggaccc 840
tgtctcaaaa aaaacaaaaa caaaaca 867

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```

<210> 5742
<211> 1722
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (268)...(1208)
<223> similar to gi6002700 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

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<400> 5742
agcttccagc ccagtcggcc cgccccggg gccatggagc tccgagcggc ggatcgcgag      60
cctcctgcga accccagcct gcacgcccgg ttagcattcg gccgggagat gcggcagtgg      120
aatctggaag ggcggtgaaa aacctacgtc ctgccctcgc ccggcctctc cattcgtccc      180
ccgggtagag aggtgcccgg ctcccacccc ttcccagccc cagccctgga gacagcagcc      240
cctagactac tgagggacag cgacagcatg aaggtctccg gtcggctcgt gctcatcatc      300
ctgtgctccg tggctcttctc tgccgttcta catcctcctg tgctgctggg ccggcctgcc      360
cctctgcctg gccaacctgc ccctggaaca accaacttcc ccaacaggct cccaggcccc      420
actgtgcccg ggaccctgc aacttcaagt ggaataatag cagtgtgcca agatgggaaa      480
gccgctggtc ccgcgaagcc cctgccgcaa gctgtgcccg tgggtgtcca gctccggccc      540
aaatgctggg ctacagccct gggtgctgag atcgacagtg cccgagtgcg tgttccgcat      600
gaaccaggcg cccacccgtg ggctttgaag gcggaatggt gggcccagcg cagcaccctg      660
cgtgtcgtct cacacacaag cgtgccgctg ctgctggcgc aactattcac actacttcca      720
gaaggcccga gacacgctct acatgggtgtg gggccagggc aggacatgg accgggtgct      780
cggcggccgc acctaccgca cgctgctgca gctcaccagg atgtaccccg gcctgcagggt      840
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<210> 5743
<211> 9502
<212> DNA
<213> Homo sapiens

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<220>
<221> misc_feature
<222> (1)...(9503)
<223> n = a,t,c or g

<220>
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<222> (1430)...(3051)
<223> similar to gi4773880 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

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<210> 5744
 <211> 1682
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature

<222> (676)...(1265)
 <223> similar to gi854065 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

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ggcgagcgag	ttttgaggag	aggggctgcg	ggggccgggg	gtgggtgtgt	gccccctccc	1620
tgaatggccc	ccaatgctgc	tgtttttcaa	taaaaccaga	gttgaaggca	aaaaaaaaaa	1680
aa						1682

<210> 5745
 <211> 1145
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (177)...(771)
 <223> similar to gi5706452 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 5745


```

aactgttccc tactgatacc ctaggcagtg tggtggaatt cattgcttaa tccccaggag      60
cccagttcct gtgggcagcg cctgacatgc ctgacacctt cttttctgca gttcaaggga    120
aagacgagat cttgcacaag gcactctgct tctgcccttg gctggggaag ggtggcatgg    180
agcctctccg gctgctcatc ttactctttg tcacagagct gtccggagcc cacaacacca    240
cagtgttcca gggcgtggcg ggccagtcct tgcaggtgtc ttgcccctat gactccatga    300
agcactgggg gaggcgcaag gcctgggtgcc gccagctggg agagaagggc ccatgccagc    360
gtgtggtcag cacgcacaac ttgtggctgc tgccttcctt gaggaggtgg aatgggagca    420
cagccatcac agacgatacc ctgggtggca ctctcaccat tacgctgcgg aatctacaac    480
cccatgatgc gggctctctac cagtgccaga gcctccatgg cagtgaggtt gacaccctca    540
ggaaggctct ggtggaggtg ctggcagacc ccctggatca ccgggatgct ggagatctct    600
ggttccccgg ggagtctgag agcttcgagg atgcccatgt ggagcacagc atctccagga    660
gcctcttggg aggagaaatc cccttcccac ccacttccat ccttctctct ctggcctgca    720
tctttctcat caagattcta gcagccagcg ccctctgggc tgcagcctgg catggacaga    780
agccaggggac acatccaccc agtgaactgg actgtggcca tgaccaggg tatcagctcc    840
aaactctgcc agggctgaga gacacgtgaa ggaagatgat gggaggaaaa gccaggaga    900
agtccacca gggaccagcc cagcctgcat acttgccact tggccaccag gactccttgt    960
tctgctctgg caagagacta ctctgcctga acacttgctt ctcttgggac cctgggaagc   1020
agggacttgg tttgagggga gttggggagg ttgtaagaac accttgacaa tttcttgaat   1080
attttggaac ttttaaacac ttacaaataa atccaagact gtcataattt gctggaaaaa   1140
aaaaa                                           1145

```

```

<210> 5746
<211> 1242
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (872)...(244)
<223> similar to gi2370153 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 5746
tttttttttt ttctatttaa tagtgtctga catattattaa aaataaggaa aaaacctttg      60
tacaggtagt gtattagagc aggggaaggga gcaggggctta ctgtgttgaa caaaaggcac    120
ccatcagaga gacagctgca aattcagaag aaaacaggat tctaggcaaa actaactggt    180
ccacaggaga aaatgagaga ttcgattttg ttgccaggca cacttaagcc ctggcagcta    240
tgtggcagga acacaagagg tctctgggga tggggaggaa atgggtctcg ctgaagggtga    300
caggctcctt gggggacggc cagctgtctg gatcactgtc caggggctgt gtccagctcg    360
gatacctccg aggtgagtc acatcactag gagccacagt ctgttgggtga gatgcggtgg    420
atggcgatgg cagtggtagc gtaggtctgt gggcagaatg atgtagttgg ctggcagctt    480
ggaggagtgg aggtgggttg gcagcagcg ctgtgggttg tctgtccagt atgtaacagg    540
agcccagctt gcacctgaag tgcaggacag cgtccaaatg tgcattggag ggctgggctg    600
gcaaaagagg gcggaggcag cgcgctctag agtgcgcccc aggagctgca gcaggagcct    660
ggagcgctat tcctggaaca aaggcaagca ctacgcggga ggggacagga gcgcagggga    720
catcgcgggc gctcgagggg gagggaggcg cggaggggagg gcgcctgtgg agaccctagc    780
ggtggccact ggcacagcga actcttccca gagcaccgac cccaggccc aagggtctcc    840
cggcctagaa gtctctgtcc tctctccatc caaagaccgg ctctcatctcg gccaggaagc    900
cccggtaatc attgagcagg gggctctcct tctctgatga ggggatcacc cactgcaggg    960
ctggccccgt gaggcgggtg atgaggaacg tcaccttcag ggcgtcgttg gagaacgtgt   1020

```

tctcgtccac	gaacatgtag	gagctcgtct	gcacgatgaa	ctccgggagt	cggtcgggtat	1080
ctccgtcaaa	cgtctcggga	aagggaatcg	ggttcctcca	gcgacgcgcc	gcgggccgga	1140
ggggcccggc	caggagggcc	ttcatcagct	gcacccgacc	gtccatcgtg	ccgcgcgcgc	1200
tccgaagagt	tacgctgggt	tgcgtggggg	tcagcgctaa	gg		1242

<210> 5747
 <211> 922
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(923)
 <223> n = a,t,c or g

<220>
 <221> misc_feature
 <222> (638)...(922)
 <223> similar to gil389766 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 5747						
aattgagacc	ctttgcatgt	gatggcattc	acaaggcaaa	ttacttgctg	aaagaatgcc	60
aagggtcgga	gcagttggag	ctctatatga	tggtgccagc	tgtgggcagc	atggtgacta	120
ggttggaagt	ggcatgtgga	gttgtcaggc	accacctgcc	atttaacttc	tcatttttct	180
agtttgaaaa	tggatgagc	ttcgttcttc	ctttcagatc	catgagacaa	tagaaaccat	240
caaccagctg	aagactcagc	gggagttcat	gctgagcttt	gccagagacc	ctcagggttt	300
catcaatgac	tggcttcagt	cccagtcag	ggacctcaag	gtaaagaacc	tangagaggt	360
ctgaaggggac	ttangtcagt	gaggtgcaca	gctgctttat	tcatgtagca	gctggtagga	420
gacccagagg	aaggagtgag	gggccagatt	tttcttttagc	atgttccagg	gtccattttg	480
caattaagca	gggaaatggg	ggcagagcca	tcaagtgttg	atttagtgct	tactttgtct	540
gtcactgtgc	ttcatcttgt	cagggatata	gagtggaaga	cctgatctct	gctttcaaag	600
cagcctacat	tctgtctgaa	gaaactaggc	tagtatagcc	gggcatggtg	gctcacacct	660
gtaatccag	cactttggga	ggccgaggcc	gacggatcgc	ttgaggtcag	gagtttgaga	720
ccagcctggc	caacatggcg	aaaccccgtc	tccactaaaa	atacaaaaac	ttagctgggc	780
gtgggtggtgc	acccttgtaa	tcccagctac	tggggagggt	gaggcaggag	aatggcttca	840
ttgaaccag	ggaggcagag	gttgacagtga	gccgagatcc	gtgttactgc	gctccagcct	900
ggggtgacaa	gcaagacttc	ag				922

<210> 5748
 <211> 3556
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature

<222> (155)...(3198)

<223> similar to gi220826 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 5748

cgacgatttc	gtgtgggacc	aacggacgga	cggacggacg	cgcgcaccta	ccgaggcgcg	60
ggcgctgcag	aggctcccag	cccaagcctg	agcctgagcc	cgccccgagg	tccccgcccc	120
gcccgcctgg	ctctctcgcc	gcggagccgc	caagatgggg	gacaagaaag	atgacaagga	180
ctcaccacaag	aagaacaagg	gcaaggagcg	ccgggacctg	gatgacctca	agaaggaggt	240
ggctatgaca	gagcacaaga	tgtcagtggg	agaggtctgc	cggaataaca	acacagactg	300
tgtgcagggg	ttgacccaca	gcaaagccca	ggagatcctg	gcccgggatg	ggcctaacgc	360
actcacgcca	ccgcctacca	ccccagagtg	ggtcaagttt	tgccgacagc	tcttcggggg	420
cttctccatc	ctgctgtgga	tccgggctat	cctctgcttc	ctggcctacg	gtatccaggc	480
gggcaccgag	gacgaccctt	ctggtgacaa	cctgtacctg	ggcatcgtgc	tggcggccgt	540
ggtgatcatc	actggctgct	tctcctacta	ccaggaggcc	aagagctcca	agatcatgga	600
gtccttcaag	aacatgggtg	cccagcaagc	cctggtgatc	cggaagggtg	agaagatgca	660
ggtgaacgct	gaggaggtgg	tggtcgggga	cctggtggag	atcaagggtg	gagaccgagt	720
gccagctgac	ctgcggatca	tctcagccca	cggtcgcaag	gtggacaact	cctccctgac	780
tggcgaatcc	gagccccaga	ctcgctctcc	cgactgcact	cacgagaaac	cctttgaaga	840
ctcggaaacat	caccttcttt	tccaacaact	ttgtagaagg	cacggctcgg	ggcgtgggtg	900
tggccacggg	cgaccgcact	gtcatggggc	gtatcgccac	cctggcatca	gggctggagg	960
tgggcaagac	gcccacgcgc	atcgagattg	agcacttcat	ccagctcatc	accggcgtgg	1020
ctgtcttctt	gggtgtctcc	ttcttctcat	tctccctcat	tctcggtac	acctggcttg	1080
aggctgtcat	cttcctcatc	ggcatcatcg	tggccaatgt	cccagagggt	ctgctggcca	1140
ctgtcactgt	gtgtctgacg	ctgaccgcca	agcgcatggc	ccggaagaac	tgcttgggtg	1200
agaacctgga	ggctgtagaa	accctgggct	ccacgtccac	catctgctca	gataagacag	1260
ggaccctcac	tcagaaccgc	atgacagtcg	cccacatgtg	gtttgacaac	cagatccacg	1320
aggctgacac	cactgaggag	cagtcaggga	cctcatttga	caagagtctg	cacacctggg	1380
tggccctggt	ttgacatcgc	tgggggtttt	caatcgccct	gtcttcaagg	gtggtcaggga	1440
caacatccct	gtgtctcaaga	gggatgtggc	tggggatgcg	tctgagtctg	ccctgctcaa	1500
gtgcatcgag	ctgtcctctg	gtcccgtaga	gctgatgcgt	gaacgcaaca	agaaagtggc	1560
tgagattccc	ttcaattcca	ccaacaaata	ccagctctcc	atccatgaga	ccgaggaccc	1620
caacgacaac	cgatacctgc	tgggtgatgaa	gggtgcccc	gagcgcatcc	tggaccgctg	1680
ctccaccatc	ctgctacagg	gcaaggagca	gcctctggac	gaggaaatga	aggaggcctt	1740
ccagaatgcc	taccttgagc	tccgtggcct	gggcgagcgc	gtgcttgggt	tctgccatta	1800
ttacctgccc	gaggagcagt	tccccaaagg	ctttgccttc	gactgtgatg	acgtgaactt	1860
caccacggac	aacctctgct	ttgtgggcct	catgtccatg	atcgggccac	cccgggcagc	1920
cgccccctgac	gcggtgggca	agtgtcgtag	cgcaggcatc	aagggtcatca	tggtcaccgg	1980
cgatcacccc	atcacggcca	aggccatttg	caagggtgtg	ggcatcatct	ttgagggcaa	2040
cgagactgtg	gaggacatcg	ccgcccggct	caacattccc	gtcagccagg	ttaacccccg	2100
ggatgccaaag	gcctgcgtga	tccacggcac	cgacctcaag	gacttcacct	ccgagcaaat	2160
cgacgagatc	ctgcagaatc	acaccgagat	cgtcttcgcc	cgcacatccc	cccagcagaa	2220
gctcatcatt	gtggagggtc	gtcagagaca	gggtgcaatt	gtggctgtga	ccggggatgg	2280
tgtgaacgac	tccccgcctc	tgaagaaggc	cgacattggg	gtggccatgg	gcacgcgtgg	2340
ctctgacgtc	tccaagcagg	cagctgacat	gatcctgctg	gacgacaact	ttgcctccat	2400
cgtcacaggg	gtggaggagg	gcccctgat	cttcgacaac	ctaaagaagt	ccattgccta	2460
caccttgacc	agcaatatcc	cggagatcac	gcccttctct	ctgttcatca	tggccaacat	2520
cccgtgccc	ctgggcacca	taccatcct	ctgcatcgat	ctgggcaact	acatggtccc	2580
tggcatctca	ctggcgtagc	aggctgccga	aagcgacatc	atgaagagac	agcccaggaa	2640
cccgcggacg	gacaaattgg	tcaatgagag	actcatcagc	atggcctacg	ggcagattgg	2700
aatgatccag	gctctcggtg	gcttcttctc	ttactttgtg	atcctggcag	aaaatggctt	2760
cttggccggc	aacctgggtg	gcacccggct	gaactgggat	gaccgcaccg	tcaatgacct	2820
ggaagacagt	tacgggcagc	agtggacata	cgagcagagg	aagggtgggtg	agttcacctg	2880
ccacacggcc	ttctttgtga	gcacgttgtt	cgtccagtgg	gccgatctga	tcatctgcaa	2940

CG48372E.012100

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gacccggagg aactcgggtct tccagcaggg catgaagaac aagatcctga tcttcgggct 3000
gtttgaggag acggcccttg ctgccttcct gtcctactgc cccggcatgg acgtggccct 3060
gcgcatgtac cctctcaagc ccagctgggtg gttctgtgcc tccccctaca gtttcctcat 3120
cttcgtctac gacgaaatcc gcaaactcat cctgcgcagg aaccagggg gttgggtgga 3180
gaaggaaacc tactactgac ctacagcccca ccacatcgcc catctcttcc ccgtcccca 3240
ggcccaggac cgccctgtc agtcccccca attttgtatt ctgggggggag gagccctctc 3300
ttcctgtggc cccaccttgg cccccacccc ctccactatc tcctgccgcc cccactctgg 3360
ctggctttct tcccctgccc caaacctctc tcctctctct tttctgtgtc agtttctctc 3420
cctctcctca cccctctatc cattcctccc gcccagcca cctccctggg ctctttttta 3480
ctccccttca gccccccggc tgatgccatc tctggttctg gacaattatc aaatatatca 3540
ggggggaaaa aaaaaa 3556

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```

<210> 5749
<211> 2242
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (75)...(1360)
<223> similar to gi595380 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 5749
tgctgccagg ggcgcggggc cggggaggcc ggggtctcgg gtggccgccc gccaggcgc 60
tggacggcag caggatgggg aaggcgaagg tccccgcctc caagcgcgcc ccgagcagcc 120
ccgtggctaa gccgggtcct gtcaagacgc tactcggaa gaaaaacaag aagaaaaaaa 180
ggttttggaa aagcaaggcg cggaagtaa gcaagaagcc agcaagcggc cccggtgctg 240
tggtgcgacc tccaaaggca ccagaagact tttctcaaaa ctggaaggcg ctgcaagagt 300
ggctgctgaa acaaaaatct caggccccag aaaagcctct tgtcatctct cagatggggt 360
ccaaaaagaa gccccaaatt atccagcaaa acaaaaaaga gacctcgcct caagtgaagg 420
gagaggagat gccggcagga aaagaccagg aggccagcag gggctctgtt ccttcagggt 480
ccaagatgga caggaggcg ccagtacctc gcaccaaggc cagtggaaca gagcacaata 540
agaaaggaac caaggaaagg acaaatggtg atattgttcc agaacgaggg gacatcgagc 600
ataagaagcg gaaagctaag gaggcagccc cagccccacc caccgaggaa gacatctggt 660
ttgacgacgt ggaccagcg gatatcgaag ctgccatagg tccagaggcg gccaagatag 720
cgaggaaaca gttgggtcag agcgagggca gcgtcagcct cagcctcgtg aaagagcagg 780
ccttcggcgg cctgacaaga gccttagcct tggactgtga gatggtgggc gtgggcccta 840
agggggagga gagcatggcc gcccggtgtg ccactcgtga ccagtatggg aagtgcgttt 900
atgacaagta cgtcaaacca accgagcccg tgacggacta taggacagcg gtcagtggga 960
ttcggcctga gaacctcaag cagggagaag agcttgaagt tgttcagaag gaagtggcag 1020
agatgctgaa gggcagaatt ctagtggggc acgctctgca taatgacct aaggtactat 1080
ttcttgatca tccaaaaaag aagattcggg acacacagaa atataaacct ttcaagagtc 1140
aagtaaagag tgaaggccg tctctgagac tactttcaga gaagatcctt gggctccagg 1200
tccagcaggg ggagcactgt tcaattcagg atgccaggc agcaatgagg ctgtacgtca 1260
tggtgaagaa ggagtgggag agcatggccc gagacaggcg cccctgctg actgctccag 1320
accactgcag tgacgacgcc tagcagtcct gccctgctgc tgctgccgcc ccgctacaga 1380
ggcaatgtga ccagtcacag ggacagatca catctcccca gagtggcaac tctggtgaaa 1440
ccttttcaga atcatggcag aggggcgtgg cgtggtgcta ctgagaaggt cctccttct 1500
cttgactttg tggctctgaaa cctggtctta ctgtccatgt gtgtttgggc ccggtggtc 1560

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aggggtgggga gcaggggacgg ccatggggcac gcctgggccac gctttaccga ctgctgaccc 1620
cctggggccag gtgaggttggt ggcctgtggg ccgccagtcc atacggtgct gtcactgccc 1680
atcttcggtg acaccctggg gtgaggtgct cagcaccttc ctctcgagga gccacatttt 1740
cctcctttgt gttagggggac ataacaagct ctgctgggct tgaggggaccc agaccaggtg 1800
tctgcagtca gtcctgaga cacagctggc cggcacaaca ggtgttacat caggggtttc 1860
ctgtggccgt ttgaactttg agcatttatc taaattaaat tggcccagggt ttggctggtg 1920
ggtcacccag cagaggcttc tccccatagc acgaggatgt gttgcctggg cacgggtgact 1980
gcggttattc ctggaggtcg gcagacatgc caaccttggg ctatttgagc tggagaagct 2040
atgtgatgct agccggtggc tttctgggct agggcccagt ttgaggctcc cctgggaact 2100
agagccagga acagccagtg gcactgacaa ggggacggag tccaaggcgt tattgggcca 2160
cctgacagct ggacagaaaa ggggcagaca caccgaggat gcgatttaaa ataaatgcag 2220
atgtttactt ggaaaaaaaa aa 2242

```

```

<210> 5750
<211> 2329
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(2330)
<223> n = a,t,c or g

<220>
<221> misc_feature
<222> (2194)...(801)
<223> similar to gi470340 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

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<400> 5750
tccccacctg aacctgtggt taccaatgct atgcgagaag acctggcgga tatctgttac 60
atcagggctg tgaccgtcta cgacaagccc gcatctttct ttaaagagac acctctggac 120
ctgcagcacc ggctcttcat gaagctgggc agcatgcact ctccgttcag ggcccgtca 180
gaacctgagg acccagtcac ggagcggtcg gccttcacgg agcgggatgc tgggagcggg 240
ctggtgacgc gtctccgtga gcggccagcc ctgctggtca gcagcacgag ctggacagag 300
gacgaagact tctccatcct gctggcagct ttagaaagta gagtttgaac aactgactct 360
tgatggacac aaccttcctt ctctcgtctg tgtgataaca ggcaaagggc ctctgaggga 420
gtattatagc cgctcatcc accagaagca cttccagcac atccaggctc gcaccccctg 480
gctggaggcc gaggactacc cctgcttct agggtcggcg gacctgggtg tctgtctgca 540
cacgtcctcc agtggcctgg acctgcccc gaaggtgggt gacatgtttg ggtgctgttt 600
gcctgtgtgt gctgtgaact tcaagtgttt acatgagctg gtgaaacatg aagaaaatgg 660
cctggtcttt gaggactcag aggaactggc agctcagctg cagatgcttt tctcaaaactt 720
tctgatcct gcgggcaagc taaaccagtt ccggaagaac ctgcgggagt cgagcagct 780
ccgatgggat gagagctggg tgcagactgt gctccctttg gttatggaca cataactcct 840
gggccagagg ctaaaacccc aggacccctg ctgtccttcc cgcagcttct tcttgagtc 900
tcagggcaaa ccctttcgag cagcacctcc cagtggccag aagctgaaat gacagcagtg 960
gtactgcctg gtaaaagaat tggttctgtg acccggaag ctttggttg ccttgatttc 1020
ttctctggag gcttggaac gcttcctctc ttcttctgtt cttcacgccc catgcccctg 1080
ctagcgtatt actgttctgt gacttcctg tgacctctgc agaactcctc atcctgcgtt 1140
tggtctccag gtgtccccctt tctgccgtgt tcctaacatt ttgattcctg tcttgaaaaa 1200

```

```

agcacctgct gcaccgtaag cccaggggatg tggcagctgc agtgggcttg gctttgtgag 1260
gaactgagtg tgtccacgtt gggggaacat catacttgat acacacgttt ttatttgcac 1320
aaagaaaatg ctgttttttg agccagaatt ttcatgtctg atttatgggtg attttcttaa 1380
gaaccagaac tgctggcaga aagggggcac ccacacgctt agatagccga tgtcttatta 1440
gagggcagtt tgtggttcct gatitggaaa ttaacattct ccaaacattc cagtccaatg 1500
aaagttttat ccgctttccc atataaaaaat tcttcccatg agagtgaactt gattctcaca 1560
atcccgttgg agtcgtgtgt gagtcctaca gtattagggtt cagcattgcc atctccaagt 1620
gctcttcgta gggaaacagt ttctggtcat gacaagcttc cacttcccat ctgatcccgg 1680
cccggccggc ctctgcccga gttccctgca tgggtgtggga gtgtggggca tgctagcttt 1740
acgccggcgc ccagttcttt cacttccact ggagtcctgc agggacagct cggggaccat 1800
gcaggcccgg gtgggcgtgg ggactcaact agctcagtg tgaacagctg gcacgtctgt 1860
gggttgttga cggtaaaggc cacgtagacc tcaggagccc gctggtgctc ccggcaggca 1920
gccagcctcc gcaggacccc gaccagcgac acgatggctt ctgggcaata cagcacgtca 1980
gcaaatagct ccggtggccc tgggtggact ccttggccat cagggtctcc gccagcacct 2040
cgtacagctc atccaaaggc tctgtgtgga cagcctcgtg ctttttgatg agttctgaga 2100
gaaagcaccg ggcatacttg actgacggcg ggtgcttcac acacacagga tgcttcacag 2160
tctacttctg caaaatatcc cgcagcagct cagaatctga tgagtctctt aactttgctt 2220
ctaagctctg ccaggggaag gagcgcaggg cgcgcgccgc caggaagcgg cgcttgaaac 2280
tctgcagcaa gagttcgctc cccgacgaaa tcgtcggtnn nngaaaaag 2329

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```

<210> 5751
<211> 2166
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(2167)
<223> n = a,t,c or g

<220>
<221> misc_feature
<222> (1382)...(1928)
<223> similar to gi433011 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

```

<400> 5751
tttttttttt ttattttaac aaatccaaag ttttaattatt aaggattaca aatattttta 60
gcagtgtagt taggcaatcc aagcctggac ttccacttca ttccactaa actacttgca 120
gagctgagga ggcaggagac tagagtacag agagcatttt agttctatca caaaggctca 180
gaactgtctc tacagtcaca ggaagaaaca ggtatggcac cgtggccaga agggggtagg 240
tattcacaga gagtgggtat caagggtgtca aactttgtct tctgatatgt ttccagagat 300
tctgtagag aagggagcag ggagagccta ctatccgaaa ccattccctg aaccctctga 360
attctgaagc atgtggattt ctacgtcttg ttctacccat cccctttccc agctttctgc 420
tcttccacac tcacctttcc ttccccctgg ccattttctt cctcatcaga gtctaaacc 480
aagtccccta tggtaatgac ggagctgcac agagacggag gacacactgt aggagggaaa 540
ccagaatcaa actactactt ctagatgaac acaggctctt gagagtcccc aagagaggag 600
gctgttgatc caatcctgac tcagactacc tacctggctt cctggcccta ggaggtaata 660
atgatagtct caggggggtcc atgtagcaat ccaagcaatt cctgaggtga gagcaagcaa 720
agaggatagg atgaaggga ggcaggcaaa gaatgtgctc ctagtaagaa gcaactctgt 780

```

```

tccactcact ccttttgctc tgtggcaggc aagtcaactg ggttctcctt cagagccctt 840
ccccccaggg tctggcatgg actcttagac ttcccagtgaggctgctct tgtgcccattg 900
gctagggtctg ctgtgtatat cgcattgttct tccttgctct caggcttaga tatgacctg 960
gttggtgagc cgagattcct aaagggaac agcatgactg tggggcgctc cttatggcct 1020
cccctagtgaggccattg ggactgaaact cttcgtcggc ctagaggggc cagattgaag 1080
tgtcggccag ctagagggtt tgggtgcgtc cttgaagatg gtccctgagg aagatgtgtg 1140
ccaggcttg cttttggcag gggattgtgg agtgctagtc tttgttgctg aggaggattc 1200
tgttccatgg gctcagccag gttcactgag tcagtaacag agcactctgg aagcagccac 1260
cccatgtcca caccatattg tctccaggca agagaagagg tgatagagac tccaggctgc 1320
atccaactca gcacatcctg aagctgctgt gcctgcggtg taggcagtgc tttctccagc 1380
tgacacaagt actcaaaaag cagcttttcc atggcagcca gaaagggttc ccataactct 1440
tgttcaagtt cctgcagctt cgaggccaaa tccacaggag cctctgacag ctgcttcacc 1500
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gccaaggcc ggccctgcag gatcagctcc accaccacct tggccttttag gccatacaa 1680
aggcggtcgt ggtgccggtg gcgaaccaag ccaggggcaa cagcgcgcag agatcgcaga 1740
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gcggcggcga agcgtagagc tgcgggaccc gccaccaggg gcgtagccat ggtcggcggg 1860
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tctaggggc ggggcttctg gcaactccct gtcgtccgg tctgtcggct ctgggtacct 1980
cgcgatctga ctcggctccc ttccatcggc cccagaatt ctgggggagg gggcttctg 2040
gctcgggctg gaggagcctg agtgagagaag ctgaccgtct ccagtggcac tgggtcgctc 2100
agctttaaac gtcgccgctg tctcgagccc gaggggtgcct cacttcnnn ncgctactag 2160
cttccc 2166

```

<210> 5752

<211> 3136

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(3137)

<223> n = a,t,c or g

<220>

<221> misc_feature

<222> (3125)...(730)

<223> similar to gi3273089 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 5752

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tttttttttt ttagattttt caactacaca gtttattaag taaagtatct caacaatatc 60
tcagagcagt aaaaaccaag gcatcccaa acactgcatg cgtgacttag accagcaaag 120
aagtcctcaa actttgcacc aagtcctaac attggccagc agggggcaag tgggtgaagtc 180
ttccggaacc caagtgcctt ggcgtgact ggccccatt cgatgagtga gcttggatga 240
cagggccggc ttggagatag gacaatcggc ttcacagggt ctttttcatg tccgatcccc 300
ttaagcattc ccgagggagc cacaaggaac ttgggggcgg tccgtgcaa gcgtcggcat 360
tgaacagggg gtctgtttgg gaggttgaa tggctctggc tgcctctggg gtggccttca 420
agccaaactg ggaaacgact tgtctataac ccctggggaa ctcgaagtgt tcgatgctca 480

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ctcgggaagc	actgataacc	ttccccatag	gggaaacgac	tcacaaacac	aggactccgt	540
cagtagtttc	tgcagagaaa	cttaaaatca	tgaaaagggt	catcaatcaa	cagatctcag	600
aagtcactgt	gcaggggacta	ctgaggggccc	cgagaggaag	tgcaaaccctc	agctgaaaag	660
caactcaggg	tggctgagtg	agccctcact	tcccggacca	cccgcacgtg	cagccaacac	720
ctcccaacta	cttggggccaa	gtcgggtctt	cgcctccaag	tggaggctgc	tgggtctctt	780
cggctcctc	ctcgccccaa	gtcctgtttc	tccctctggg	cgtcggaacc	aacctctgcg	840
gtgcggatca	ttttcctttc	gnccatgggg	cggcgggcca	atgagagcct	caatgtccct	900
caatagttta	tactttcctt	ttccagaagg	gcgtttgcca	gcgcctgcaa	cttgtcccag	960
gttgtcctgc	agcaccttct	cgggtgtgtc	gtaggccttg	gccaccagca	gtcttgcttc	1020
atgggccatc	atctgctgca	ggccttggtc	gaagggggcg	cgcccgatgc	ccatgaggcc	1080
ctcctgcgcc	tcaggggaag	agatggggccc	gatgccaggt	gccatcccaa	actgcttcac	1140
catggagtag	gcgatgcggg	tgaccttctc	caggctgtcc	tgtgccccag	aagtgcacct	1200
gttgaaggac	agtgtctccg	aggcccgtcc	tcccaaggcc	atgcacatcc	gctcaaacag	1260
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gtgcacgaga	agtgtgtccc	taccgcgccg	cgtgcagcac	agcctcttgc	cagatgttgg	1560
cgatgtcagc	cccactgaat	cctggtgtca	gctctgccag	acgctgggag	taaaagggtgc	1620
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gcgtggggag	atcaatgaag	acgtgccggg	ccagtcggcc	tggcctcatc	agagcacctg	1740
ccaaaatgtc	agctcgggtc	gtggacgcca	ggacgatgac	atgggtctgt	gtacccattc	1800
catccattta	aaccagaagc	tgggttgagcg	tctgtctctc	ctccgtgttg	gagaagccgg	1860
acatgggtgg	ggagcgcctt	ttgcccaccg	cgtcgatctc	atcgatgtag	acgatgcagg	1920
gggcccgggc	tcgggcttcc	ttaaagaggc	tccgcacacg	ggcagcgccg	aggcctccaa	1980
tgacctccac	gaactctggg	ccggccatcg	ccaggaaggg	cacctgagcc	tccgtggcca	2040
ccgccttggc	cagcagcgtc	ttcccacagc	cggggggggc	gagcagcagt	gcgccttttg	2100
ggaccttggc	gccaagctgg	aggaagcggt	ctgggctctt	cagataatcc	acaaactcgc	2160
ggacttccag	tttggtctcg	tgcattcctg	ccacgtcttt	gaagctgact	cctttcccca	2220
tcttcccatc	cacaatggtg	aaacgagcca	ttttaagctg	attaaaagca	ctgaatccac	2280
cttcccttcc	agtcattccc	gccagacgga	aaacatacca	caggatggcc	aggcccactg	2340
ccgtcatccc	cacagagtac	agggcatttc	caaagaatcc	tgttcgcttg	taggaaactg	2400
ggatcctgtc	cttggcctcg	atattcagct	catcttcagc	tgctcgaagc	ttctcttcaa	2460
acttgtcaat	atttgcaacc	tgcattcggg	acatcaaggc	tagccgaggc	cgcccaaaca	2520
ccacggctcc	agggtgcagg	tagacttcca	ccacgtcgct	ctcaggcacc	acctggacgc	2580
gctgcacctc	gcccttggcc	agcatctcgt	ggacaaagtc	gttccaggaa	atgctgcctc	2640
cgctgggtgct	gagagcattc	aggaggctca	tgacaaccgc	gatgaccagc	aagggtgcgc	2700
gccgtctctg	gtacatctgg	tctgtcccgt	cacggcgtct	cctctcctct	tcgtcctctt	2760
caggcgccct	ccccttcgac	ttatccttct	ccttattctt	ctgcttcaac	cttgagggtgt	2820
taaaatagaa	agtaccacct	aaaagttgcc	agagtctgac	tggattctga	actaaatggt	2880
gtttcaacaa	caatccggtg	atcccttcaa	aggtaggggt	tagcagtctc	aattgtaagc	2940
tctgcagagc	tcggcctcca	gcctcggcga	ggtcccccg	aggcctgctg	gccatgtacg	3000
gccgccccct	cccgggcctg	gcgggggaacc	ctggactcca	ggccgggcct	gggccccaca	3060
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ccatgttggc	ctgaaa					3136

<210> 5753
 <211> 2137
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature

<222> (516)...(1278)
 <223> similar to gi5420389 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 5753

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ctactgggca	gggaagacag	agttgccact	gtatgcacag	gggatgagca	gctgccggta	180
ctccaggggc	aggtgccgct	ccactagcac	gtgcagtga	acttggtcag	tgaccaggcc	240
ctgccggccg	atcagcagct	ccaggtcctc	tggcttcaca	gtcttgccgc	cagcatgagc	300
agcaaatacc	tccagatcat	cacaaagatg	ctggaaatat	ttatctaggg	acttctccac	360
catctcaaga	gccttcctct	ccatggggca	tcttgggcat	aagaagctaa	aagagttttc	420
acattagtgg	ctcatatccc	agccttgtgg	ggatcttgcc	ggggccctgg	ggccggtggt	480
ccggggccta	gggggatgcc	ctgaccaaca	gaggctctgc	aggctctgaa	gataagactg	540
cagcaccagg	cgctggggct	ggctcaagaa	actgatgatg	tcgcctggcc	tggagagact	600
caggggtgct	ggaggccgac	tctggacttg	ctgccctgcc	agaggcatcc	tcatcccctg	660
aagatgctcc	tggcccgtca	gcctcagcag	tcccctggga	tccctctgct	tctgtcacct	720
ctgtgtgtcc	ctcagcctct	tctaccctgc	tgggtccttg	tgctcctggt	gcctccattt	780
cactcacact	cacaccttct	tcttccatct	ttttctctgc	ctcttcaact	ccatcgtgta	840
agggtcttac	ttcatcttct	ccagagacac	cactgctggt	gctcaggaag	cccagagcaa	900
aggcattgac	ctcctctgcc	tctcctgcca	gaaactgggc	tggtttccca	gggcctgagt	960
gaaggggaga	gaatacaggc	cggagacgca	gcaggccaag	gctgcatagc	tcagagaagg	1020
gtaaagatgg	accagcagac	ccagtcctgc	ccactgagga	aagacaaaag	cagaggcagc	1080
accaggacat	ggatctgaag	tctcctggcc	caacatggac	tctgctcttg	gatgaaggag	1140
gcagccacag	ccagggtgct	ctagggggcac	agaggggctt	gaggaaggaa	aactaccatt	1200
gtcaactctc	acccaagcta	aatttggtct	caggccacca	gtgccacaca	ctcactattc	1260
ttctgcagcc	caggcccact	gctctgtgtc	ttgcgaccgg	cagcctgctc	agcgtcttca	1320
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tgagagaacg	gctgggtgtc	ctccaacaca	atgtttggag	gagccaggga	agtatctcgc	1440
agatcccgca	aaaaggcacc	cacgtctaca	gctcggcggg	ctggagggtc	gcgggccaag	1500
ccaggcctct	gcactgactg	tggctgaaga	ggtgtggcaa	aggtcagggt	gagggatctg	1560
gtgagggaag	aggcatcagc	attcccttga	ggctcttggg	agagagacag	cccctgggtc	1620
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cctggagcca	gggttgtggg	gggctcgagc	tcagggaagt	gcagctccag	gctgccgcaa	1740
ctgctctctt	gtctggaggg	ttggaccgcc	tgcggtgctg	gcactggctt	cactaccgac	1800
tcaggcatca	ggatggaaga	ttctggggca	gttagtagga	tggtcttcag	cagcgtccga	1860
ggtgtctgtt	cctccaagtg	cccactggcc	tgaatatggg	ccgatctgcc	aacagacctg	1920
gtcccatggg	aacgccctct	ggctatcgct	cttgtttggc	cactcaactt	cctgggggaa	1980
gccgtttcaa	gcagggtctt	ccgggctcca	gcccagacac	tccgggggtc	ccgcggggtg	2040
cgcgggtccg	ctgtatccag	cacgcgtcgc	agcagcgtgc	gcggcggtga	gtcgctgtca	2100
gggttgtggt	cagccatcgt	ctcggccccc	gacgaaa			2137

<210> 5754
 <211> 824
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (319)...(636)

<223> similar to gi3249069 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 5754

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gctccaggca	gggaaactgg	gggctcgccc	ttctcctgtg	aggggagcca	ggcacacagg	180
gcccattggg	gtttgggatg	tggacagagg	ggcagggggc	tgggagaagg	ctaagccgag	240
gggtcctggt	tgtgcctccc	tggcattttt	tgcagacaag	ggcttgggat	ggaccctcag	300
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caccccatca	gtgccgagtc	cttgtcccta	cctccagctt	cctccagcct	caaaccgcct	420
ctggatctag	ctgtccttct	ccgagtggca	cgccctgccc	agggatgccc	cctttccctc	480
cccccatgc	ccagagcccc	gcctgcctca	gcgggtcagg	ccttcagaac	actgccaccc	540
acccagtttt	ataatcccgc	tccctctcca	ggcaacccca	cccaccagcc	taggcctgct	600
cctccaccct	tcccgggagg	cagccccggg	atgctgagag	ttggtggagg	ggccaggctg	660
gacgcttctt	gtgggagtc	cctccagacc	tggctggccc	ctggcagcca	cagaaaccac	720
gatggcaaaa	aatctcattg	gttctcaagg	actaacctgt	gggggaaagc	aatagagaca	780
ctctttttct	ctcttttttt	aaagatttat	ttcttgaaat	aata		824

<210> 5755

<211> 1212

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(1213)

<223> n = a,t,c or g

<220>

<221> misc_feature

<222> (128)...(940)

<223> similar to gil90510 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 5755

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ccctagaatc	gcgtcagccc	cagagcccag	ggtcaccctg	gagggacctt	ctgccaccgc	120
cccagcctca	tctccaggct	tggctaagcc	ccagatgccc	ccaggtccct	gcagccctgg	180
ccctctggcc	cagttgcaga	gccgccagcg	cgactacaag	ctggctgccc	tccacgcca	240
gcagcaggga	gataccactg	ctgccgctag	acacttccgc	gtggctaaga	gctttgatgc	300
tgtcttggag	gccctgagcc	ggggtgagcc	cgtggacctc	tctgctgc	cccctccacc	360
cgaccagctg	ccccagacc	caccgtcacc	accgtcgcag	cctccgaccc	ccgctacggc	420
gccctccaca	acagaggtgc	ccccaccccc	gaggaccctg	ctggaggcgc	tggagcagcg	480
gatggagcgg	taccaggtgg	ccgcagccca	ggccaagagc	aagggggacc	agcggaaagc	540
tcgaatgcac	gagcgcacg	tcaagcaata	ccaagatgcc	atccgagccc	acaaggctgg	600
ccgagccgtg	gatgtcgctg	aattgcccgt	gccccaggc	ttcccccaa	tccagggcct	660

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ggaggccacc aagcccaccc agcagagtct ggtgggtgtc ctggagactg ccatgaagct 720
ggccaaccag gatgaaggcc cagaggatga agaggatgag gtgcctaaga agcagaacag 780
ccctgtggcc cccacagccc agcccaaagc cccacctca agaactcccc agtcgggatc 840
agccccaaca gccaaagcgc ccccaaagc cacatccacc agagcccagc agcagctggc 900
cttcctagag ggccgcaaga agcagctcct gcaggccgca ctgagagcca agcagaaaaa 960
cgacgtggag ggtgccaaaga tgcacctgcg ccaagccaag ggactggagc ctatgctgga 1020
ggcctcgcgc aatgggctgc ctgtggacat caccaagggtg ccgcctgccc ctgtcaacaa 1080
ggacgacttt gccctggtcc agcggcctgg cccgggtctg tctcaggagg ccgaccggcg 1140
ctatggtgaa ctcaccaagc tcctcgtgcc aagcaggccg tnntcatntt acagagggtat 1200
tcaggttcct ag 1212

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<210> 5756
<211> 756
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (384)...(722)
<223> similar to gi804809 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

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<400> 5756
gctcaagtga tcctcctgcc ttagccacct gagtagctgt gactgcaggc atgtgccacc 60
acgttcagct aactttttaca ttttttttgt agagataggc tctcagtatg ttgccctggc 120
tggcctcgaa ctcttggggt caagcaatcc tcccaccgca gcctcccaaa gtgctaggat 180
gacaggtgtg agccactgca ctgcaaaaat acagaagacc aaattattaa aactagaaat 240
gagaggggac attactattg ttcttagaga cataaaaagg attataatat gaataaaaag 300
gattatacat ataaacaata tatgctaata attggataga gctggatgaa agacacatta 360
ccagaaagat atgaactact gaatctgact tgagaaaaaa acagaaaagc tgaatagaca 420
gacctatgtc aagtaaagag attgaggtag taatcaaaaa actttccact aagaaaagct 480
gaagaccagc aggcagcctc actggtgaat ctaccaaata cttaaagaag aattaacacc 540
aatccttcat aaagtctttc aaaatacaga tgaggaaaga acatttccta acttattcta 600
tgaggggtgat ataacctgg tatccaaact aaagacatca cacacaaaaa attacagacc 660
agtatttctt atgaatgtag atggaaaaat gcttgacaaa atctggcaaa ccaaattcaa 720
cggagtattc tgtaaacatg aagcagataa taatag 756

```

```

<210> 5757
<211> 2932
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (152)...(1752)
<223> similar to gi5834428 in the genepept database release 114,

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Run with FASTXY 3.3t00, default parameters

<400> 5757

agaaccacccc	gtccggccgc	ctcgagcgcg	gtcctagcgt	tcagcggact	cgcgcgccct	60
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cgcaatcgcc	ggccgacctg	aagctggttt	catggcagcc	tcaaagaagg	cagttttggg	180
gccattggtg	ggggcggtgg	accagggcac	cagttcgacg	cgcttttttg	ttttcaattc	240
aaaaacagct	gaactactta	gtcatcatca	agtagaaata	aaacaagagt	tcccaagaga	300
aggatgggtg	gaacaggacc	ctaaggaaat	tctacattct	gtctatgagt	gtatagagaa	360
aacatgtgag	aaacttggac	agctcaatat	tgatatttcc	aacataaaag	ctattggtgt	420
cagcaaccag	agggaaaacca	ctgtagtctg	ggacaagata	actggagagc	ctctctacaa	480
tgtgtggtg	tggcttgatc	taagaaccca	gtctaccgtt	gagagtctta	gtaaaagaat	540
tccaggaaat	aataactttg	tcaagtccaa	gacaggcctt	ccacttagca	cttacttcag	600
tgcagtgaag	cttcgttggc	tccttgacaa	tgtgagaaaa	gttcaaaaag	ccgttgaaga	660
aaaacgagct	ctttttggga	ctattgattc	atggccttatt	tggagtttga	caggaggagt	720
caatggaggt	gtccactgta	cagatgtaac	aatgcaagt	aggactatgc	ttttcaacat	780
gtcattcttt	ggaatgggat	aaacaactct	gcgaattttt	tggaattcca	atggaaattc	840
ttccaaatgt	ccggagttct	tctgagatct	atggcctaata	gaaaatctct	catagcgtga	900
aagctggggc	cttgggaagg	gtgccaatat	ctgggtgttt	aggggaccag	tctgctgcat	960
tgggtgggaca	aatgtgcttc	cagattggac	aagccaaaaa	tacgtatgga	acaggatggt	1020
tcttactatg	taatacaggc	cataagtgtg	tattttctga	tcatggcctt	ctcaccacag	1080
tggcttacaa	acttggcaga	gacaaaaccag	tatattatgc	tttggaagggt	tctgtagcta	1140
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09433735-013400

<210> 5758
 <211> 777
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(778)
 <223> n = a,t,c or g

<220>
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 <222> (519)...(107)
 <223> similar to gi493055 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

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<210> 5759
 <211> 6313
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (19)...(4020)
 <223> similar to gil665789 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

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<210> 5760
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 <212> DNA
 <213> Homo sapiens

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 <222> (2300)...(924)
 <223> similar to gi5419890 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

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001210 " 5243460

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ctgtgcactt	ctgcagacct	ccaacgaggg	ccagcgaggt	gccagagccc	agcaaccagg	3000
caagggaatg	aatttgctct	aactatggag	ggacagtctt	cggaagtgga	gttcttaagg	3060
accatcattc	ctttctttca	atgagatgcc	agactgctga	gaaggtagagc	aatgctgcag	3120
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<210> 5761

<211> 4441

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (60)...(3466)

<223> similar to gil502311 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 5761

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ggaccaagcg	ctcagtttta	aaattgctat	agcttagcct	gcgacgctta	tgattagagc	180
caacaatttg	aaatggcctg	ctcacctgat	gcagtcgtct	ctccgtcttc	cgctttctta	240
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caaagtccaa	ctaccggtct	ctttcccact	aaaacatgcg	gtggtgacca	gaaggccaag	420
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cgcccaacaa	catgtcttca	ctctgttttc	aatgtgcata	caggagatga	gttgctttcc	660
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gcctttaaac	ccagctactg	aggaggctga	ggcatgagaa	ttgcttgaac	caggagacgg	4380
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c						4441

<210> 5762
 <211> 1105
 <212> DNA
 <213> Homo sapiens

<220>

<221> misc_feature
 <222> (1)...(1106)
 <223> n = a,t,c or g

 <220>
 <221> misc_feature
 <222> (185)...(666)
 <223> similar to gi30168 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 5762
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 atttttaggtt cagggatata tgtataggtt tgttataaag ataaactcgt gttattctga 120
 aaagacttcc atttgcagac atcgtcgtcgt cccagaactc cctgccaccc agccatggcc 180
 aacccccact gtgttcttca acattgcaat tgatagttag tccttggggt gcatcttcct 240
 tcaagctatt tgcagacaaa gttctaaaag atggaagaaa aattttgtgc ttctgaacac 300
 tggagagaaa gtattgggtg ataaagggtc ctgcttttac agaattattc cgggggtgtgt 360
 gtcaggggtg tgacttcaca caccataatg gcactgggtg caagtccctc tacagcaagg 420
 aatttgatga tgagaacttc atcctaagca tacagctcct ggcgctctgt ccacggcaaa 480
 tgctggaccc accacaaatg gttcccagtt tttcatctgt actgccaaga cagaggatgg 540
 atgacagcat gtggtctttg gcaagggtgaa agatggcatg agtattgtgg aagccctgga 600
 acgctctggg tccaggaatg gtaagaccag caagaagatc acagctgcta actgtggaca 660
 actctaataa atttgattgt tttatctgaa ccaccagatc gttccttcta tagctcagga 720
 aagcatgctt ccacccattt tgcctcacagc atcctataat ctttgcacag tcctttgggt 780
 tccatatttt ccttatcctc ttccatgtct agctggatcg cagagttaag tttataatta 840
 caaaatgaaa actaagtaac aagaagaaaa taaaagactt ccagcaattt ttatactctt 900
 tagtcattac tgtggatata taaaagaaat tgggttaata aataagaaat attacattta 960
 gcaaatttat aaacaactat agcctgagat tnnngngnt caaactttag aaaataccag 1020
 tgaacatttt tgggtaatat tcaaagaatg tgacattcag atctcntggn ttcncgcagc 1080
 gttactcagg tctctaangg gacct 1105

<210> 5763
 <211> 1731
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (1710)...(814)
 <223> similar to gi3002527 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 5763
 atattgatct cctggagatt cgaaatggac caagatccca tgaatcattc caagaaatgg 60
 atcttaatga tgactggaaa ctctctaaag atgagggttaa agcatattta aagaaggagt 120
 ttgaaaaaca tgggtcgggtg gtgaatgaaa gtcattcatga tgctttgggtg gaggatattt 180
 ttgataaaga agatgaagac aaagatgggt ttatatctgc cagagaattt acatataaac 240

acgatgagtt	atagagatac	atctaccctt	ttaatatagc	actcatcttt	caagagaggg	300
cagtcacatc	ttaaagaacat	tttattttta	tacaatgttc	tttcttgctt	tgttttttat	360
ttttatatat	tttttctgac	tcctatttta	agaacccctt	aggtttctaa	gtacccattt	420
ctttctgata	agttattggg	aagaaaaagc	taattgggtc	ttgaatagaa	gacttctgga	480
caatttttca	ctttcacaga	tatgaagcct	tgttttactt	tctcacttat	aaattttaaa	540
tggtgcaact	gggaatatac	cacgacatga	gaccagggtt	tagcacaagt	tagcacccta	600
tatttctgct	tccctctatt	ttctccaagt	tagagggtca	catttgaaaa	gccttttgca	660
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agtctctgct	tgaggaccag	aggaaaatgg	ttgttggacc	tgacttggtt	atggctactg	780
ctttactaag	gagatgtgca	atgctgaagt	tagaaacaag	gttaatatagc	aggcatggtg	840
gctcatgcct	gtaatcccag	cactttggga	ggctgaggcg	ggcggatcac	ctgagggttg	900
gagttcgaga	ccagcctgac	caacacggag	aaaccctatc	tctactaaaa	atacaaaaagt	960
agccgggctg	ggtgatgcgt	gcctgtaatc	ccagctaccc	aggaaggctg	aggcggcaga	1020
atcacttgaa	cccggaggcg	gaggttgctg	taagccgaga	tcacctccag	cctggacact	1080
ctgtctcgaa	aaaaagaaaa	gaaacacggt	taataacata	taaatatgta	tgcattgaga	1140
catgctacct	aggacttaag	ctgatgaagc	ttggctccta	gtgattgggtg	gcctattatg	1200
ataaatagac	caaatcattt	atgtgtgagt	ttctttgtaa	taaaatgtat	caatatgtta	1260
tagatgaggt	agaaagttat	atttatattc	aatatttact	tcttaaggct	agcgggaatat	1320
ccttcctggt	tctttaatgg	gtagtctata	gtatattata	ctacaataac	attgtatcat	1380
aagataaagt	agtaaaccag	tctacatttt	cccatttctg	tctcatcaaa	aactgaagtt	1440
agctgggtgt	ggtggctcat	gcctgtaatc	ccagcacttt	gggggccaa	gaggggtggat	1500
cacttgagat	caggagttca	agaccagcct	ggccaacatg	gtgaaacctt	gtctctacta	1560
aaaatacaaa	aattagccag	gcgtgggtgt	gcacacctgt	agtcccagct	actcgggagg	1620
ctgagacagg	agatttgctt	gaacccggga	ggcggagggt	gcagtgaagg	aagattgtgc	1680
cactgcactc	cagcctgggt	gacagagcaa	gactccatct	caaaaaaaaa	a	1731

<210> 5764

<211> 1482

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1421)...(943)

<223> similar to gil246757 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 5764

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cttgagattc	tctctcaact	gttctctaga	aacacgcttg	tgcttttaat	ctgcctttta	180
aaagggacac	agaacaaaaa	atggttggtt	gcaaataaac	atctgaaaga	aagtaacagc	240
tgacctgggc	tgaggcatcc	aaacaaagca	gtcattgttg	aaggagacaa	tgcaaaccac	300
actggggcaa	gaaacggggc	agagaacgtg	cggctcattt	tgcggtgggt	atctctacca	360
gccccaaagg	ccccatctgg	aacaagtatc	aaccaggagg	ggctctatgg	cttgatttat	420
taacctaaact	caaaagaagt	cactgccacc	aacagcactg	tgagttttta	tttaaccattc	480
aagtccagta	gcactctggt	agattgggac	agaattggga	ttgaaaagtg	aacagatatt	540
cagcatctaa	cagttcaaaa	gaagccacta	catactcttt	tcacaaatat	gttttcacag	600
agccaataca	gtactagcca	ttaaccaggt	acaccaagtg	tactgaagta	gaaaagatgc	660
aacaagaaaa	atagctacat	tagaaagacc	aacactttag	aaaaagagta	aaacactttc	720

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agttttcttcc ccttttagcc cccctaaaaa caaacatttt tacagtcctg gatcctggga 780
tcttaccttt tacagtccta cattaggctt tcttaaaata tttgtccagg agggggaaaa 840
aataaaattg gccactgggc caggtaccag tctttgggat atttaggaag gggggatggg 900
gaagaaagtc aagttcctca gaaacaaatt agtcaggctt caggtctcgt cgcggacagg 960
gtctttggga ttcttggtt ctcccggaac ttcttcaatg tgcttaaccc ttctcctcgt 1020
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ccgattttgt ggggtgragt ttctcttctg cccattttta ctgaagttgt ttgttctctt 1140
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aacaaattcc tttgcccag gggctgagaa tcaggctcaa aagcctggcc tgaggcacgc 1380
ttctccagtt ctttcacctg gatatcagaa gaagccatgg tgaatagaag acaagcgaca 1440
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<210> 5765
<211> 5716
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (218)...(4657)
<223> similar to gi406225 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

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cggggcggtg cgtgcggggg aggcctctta aggcctccgc ctctgcctct cccgccccct 180
taccgcccc ggagacgaca gcgtcggagg ctccgccatg gcctcgggag ccggaggagt 240
cggagggggc ggtggcgga agatccggac gcggcggtgc caccaggggc caattaagcc 300
ttaccagcag gggcgacaac agcatcaggg cattcttagc agggttacag aatctgttaa 360
gaatattgtg ccagggtggc tacaagata cttcaacaag aatgaagatg tatgcagctg 420
ttcaacagac acaagcgagg ttccacgctg gccagaaaat aaagaggacc atctggtata 480
tgccgatgag gagagctcta atattactga tgggagaatc acacctgagc cagcagtcag 540
taatacagaa gaaccttcaa caactagtag tgcttcaacc ttatccagat gtgttaacaa 600
gggtttctct ttatcggagc catctgaatt ttccatgtt ggaatccccct gcattacact 660
gtcagccatc tacatcctcg gcattcccaa ttggcagttc gggattttcc cttgtaaagg 720
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cttcaagagc ttctgataaa gatataactg tttcaaagaa cacttcattg ccacctctgt 840
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aaccagcatt caacttgtct gcctttggaa cactttcccc ttacttggg aattcttcaa 960
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gaagacaaat gaaagctaag caactcagtg cacaatctta cgggtgtgacc agttcaacag 1140
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ttccatccat tgtttcttct cctctgaatt ctctcttga taggagtggg atagatatca 1260
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tgaccccaaa gccagtttcc atagcaacaa atcgaagtgt ttattttaaa ccatctctga 1380
ctccttcttg tgaattcagg aagactaatc aaagaataga taagaagtgc agtactggat 1440

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agatgagacg	agaaagacac	gcctttgttg	cttctaacc	tctggaggag	gaggaaatgg	1620
aagggtccagt	attaccgaaa	atctctctac	cgatcaccag	ttcttctactg	cctaccttta	1680
attttagttc	ccctgagatc	acaacttcct	ctccatcacc	catcaattcg	tctcaagcat	1740
taacaaacaa	ggtacaaatg	acctctccga	gcagcactgg	cagtcccatg	tttaaatttt	1800
catctccaat	cgtaaaatct	actgaggcaa	atgtactacc	tccatcatct	attggattta	1860
catttagtgt	gcctgttgca	aaaacagcag	aactttctg	ttctagtagt	actttagaac	1920
caattataag	tagttcagct	catcatgtca	ctacagtga	cagtacaaat	tgtaagaaga	1980
caccacctga	agattgtgag	ggtcctttta	gacctgcaga	aatcctgaaa	gaaggaagt	2040
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agcccaccgc	aacaagccca	gtagtttata	caagaccagc	aataagtagc	ttttcttcta	2160
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aagaaaagaa	agaggaattg	ctcaaatctt	catgtgcagg	ttttaggttt	ggtacagggtg	3300
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tcttcaaagt	ccacatttag	ttttagtagt	acaaaaccat	ctgagaagga	atctgaacag	3720
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gcaaagccag	atcttagtta	cttgaacaac	agttcctcta	gttcaagtac	accagccact	3840
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tttaacaaca	gctgggtgcc	tgctttcaga	tactggattg	tactttgtgc	tggggttatc	4740
tgaagtacga	tctgcctaag	gacttcttta	attttgggaat	tttctctctt	tctctttcgt	4800
tacagaagcc	ccacctgcc	tcaccacccc	ttttttaaat	aaataaatag	ctagactggt	4860

tgccctcttg	agattcgacg	gttgcccttcc	caggatgctg	atggctatgc	ctacttcctg	1380
cgcgcccgcc	tctacttgga	agtttgaccc	tgtgaagggtg	aaggctctgg	aaggcttccc	1440
ccgtctcgtg	ggtcctgact	tctttggctg	tgccgagcct	gccaacactt	tcctctgacc	1500
atggcttgga	tgccctcagg	ggtgctgacc	cctgccaggc	cacgaatatc	aggctagaga	1560
cccatggcca	tctttgtggc	tgtgggcacc	aggcatggga	ctgagcccat	gtctcctcag	1620
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cctgcactct	gtcctgcctt	tctgggctga	acaatccctg	gaaaatctgt	tctcccagaa	2100
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ccccaggccc	ctggaagctt	gcaacatacc	tcaaatacctg	tcccagggtcc	ggatcctcct	2220
gaaagccttt	ttcgcagcac	tggtatctt	ccaaagccat	ttgtaaatgt	gtgtacagt	2280
tgtataaacc	ttcttcttct	tttttttttt	ttaaactgag	ggattgtcaa	ttaaaccacca	2340
gttgttttct	a					2351

<210> 5767
 <211> 2238
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (2205)...(506)
 <223> similar to gi5912186 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

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ctatgaaaga	cccagctaag	ccacttaggc	aaaagtctat	ctttgatgtc	atagtttcca	120
agaagtatca	taagagtcaa	acagttaaac	atttctctgt	gctttttttt	tctattttct	180
aggaaatgtt	gggttttagag	agaagctcat	caacttactt	atacaaatca	ggatatactg	240
aggggggggg	aggataaaact	cgacatttcc	atattttata	atataatgtg	gaaagattca	300
gaaatgactg	agaagataca	gtgatatgat	atttaaagca	aatattggca	tatgcttata	360
caagaaaggc	atcttacaat	aatatttctg	ttggtacatt	acaatttttc	agctagtaat	420
tctaaaatgc	cagaggtcct	atgatgcaat	atcaaaaaaa	ccagggaact	gacatacaaa	480
gtcaaatata	aagatagtaa	cattcagtc	tccacagata	aaaggctatc	tggacataag	540
cctgaaacaa	gcaagacgcc	atccactgcg	atttcgccgg	ttttgccctt	gccacgttct	600
gcttcaaaaa	tgatgctttt	ggtagcatca	gttccttgat	acaactgaat	ttccctgtc	660
ttccactttt	catcctcact	cgtggtcttc	tcccatgcc	gggcattggt	actgtttttc	720
acaaacactc	gaagtttccc	gactttgtct	ccggccagcc	ggtaatcaaa	gagcaaacag	780
aagttgcttt	ggggttgag	gtcaggtagg	agaagtttca	atcggccaat	gtctttcctt	840
gtgaccctgc	caaaggccgg	gaactgccaa	tatagaagcc	aaatagcatt	atctccgatc	900
agcaggattc	ccagtcaaaa	tcatcttcgt	ctatcctgtt	tccagtcac	agatcccat	960
gattgaagct	gcagtcaacc	gagatattta	aatctgcttt	atgttccagt	ttggaagtta	1020
gcgctttcct	ttggaccgag	aatcaggccg	aattcacctg	cttcattcac	cttagggaaa	1080
aacacatctc	cctcgaaaag	gtcgtccct	cctatgtcaa	tccttcaggg	ctttctcttc	1140

gcatttgtaa	ccaatgaggt	cctttggtag	tcattaaagt	taccacagca	tggggggcct	1140
ttatattcag	gttttcctaa	gggttagttt	atctgcttct	tgtgctaaca	gggctgttgc	1200
tgtaggggcc	cttagacctg	ggggccagcc	tttggaatc	ctgtctagtt	gttttgagag	1260
ataggccact	ggccttggcc	agggcctcac	agtatgggtt	aaaactccaa	ctgccatttt	1320
ttctctttct	gacacataga	gtgtaaaagag	ttttgtcagg	tcaggtagcc	tcagggtctg	1380
gaccaacatg	aggtttttctt	ttaactcatg	aaaacctcgt	tgttgttggt	tgtaatagat	1440
gtagtttatc	taatctacat	ttttattaac	tgtcacccac	taaaatattg	acttaaattcc	1500
tgcagctatt	tgattttcaag	ctttaaattg	atctggtatt	cttcgtggga	ctccaattgc	1560
atctaaatag	acatgagagt	cgaaaagacc	ataaggggct	tctctcgctt	tacaatgtct	1620
ttcttttttt	ccttctgggt	gatgaaatgc	cagggtgaaa	gggatagcca	attggactaa	1680
agtacaagtg	ccactccagt	tattcggcag	agtgccaggt	aaaggtccac	cacaatacca	1740
ccacacatct	gctcggggat	gaacaagggc	tgactgattg	ataagctctt	gaaaattctt	1800
aagctaactg	catcctttca	ggctctcaag	gaatgctaag	tttcctccct	gttgtgagag	1860
acacgaagtg	aacttagtgt	tgggagacag	aggctggatg	gcccttgggg	gctgatccac	1920
agggtgctag	actttgggat	gtagcagaga	gagcttggca	tgacttatta	ctccaggctg	1980
tagaatccca	gagaagggtc	accatgcagc	ctacgcctgg	ttgactggag	aaccacgtta	2040
gtggaaagg	gacaatctgg	gcctctggcc	tgccatgtgt	acacacataa	caattgcttt	2100
tgtttaattg	gcagatggaa	tat				2123

<210> 5769
 <211> 798
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (141)...(722)
 <223> similar to gi3150438 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 5769						
ccagtgaaga	aacgccagag	tgtggaaagt	ggaggacgac	tgatgaagga	tgccctgagta	60
cgtttttact	tcaggctcta	tgggagagaa	tcagcttcct	gtctgggtac	ccacaagaca	120
tcttaagctg	tgccatgagc	cagaatccaa	ggaagaggaa	aagacctcgg	aatgtccctg	180
cacccttggt	tcatcagatg	gctcagatga	acatctctgt	tgagcagatg	gaaaccagta	240
aaacttgcca	agcaactcca	ccgacctgtg	ggcagatgaa	gagactagct	cacattgcag	300
acgagaacct	gaggtctcag	aacaagctgc	tgaccaccag	taatctaatt	atagctatga	360
tggcagtaat	ctccttggcg	gtgagtctcc	ccgtagctgg	ggcagatcaa	aattacattt	420
attgggccta	cattccattc	ccccactgat	taggtctgtt	acatgggttag	accccttggt	480
ggaggtttat	attaatgata	gtgtctggat	gcctggacca	acagataact	gaggtcctac	540
tcatccagag	gaggaaggaa	tgttaatgaa	tgtttccatt	ggttatcgct	ttcctcccat	600
ctgcctgggg	ccagcagcag	gattttttaa	ttatgataaa	caaatttgga	tggtttatgt	660
ccctgcacat	aatggatcaa	aagcctctat	tcatgcaatc	agtggagaa	catttcaatc	720
tttggaact	attaataacc	ttgagcatgg	ctatgttatg	acacatcgcc	agattaataa	780
atttaaacct	aataagaa					798

<210> 5770
 <211> 1624
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (528)...(1488)
 <223> similar to gil685379 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 5770
 taaaagacag tgatctcacg cggaggggaa gatgtttgcc atcaaaatgt gacagaagag 60
 acacgctgca tggctcggaa cgcattcct tgggtggtgg ggaaagagac ttagaggaga 120
 gaggtgcgc cctggcccag cctggctcgg ctcatctccg cgcgccatgg caagctcggc 180
 ttccctggag accatggtgc ccccggcctg cccgcgcgcc ggagcgtcgc cggccacttc 240
 caagacactg gccttttcca tcgagcgcac catggccaag acgtcggagc cccgtgcgcc 300
 ctttgagccc cggcctggag cgctagaggc ggacggcagc cagggcaaga aactgctcaa 360
 cctctgctcg ccgctgccct gtatgatccc cctccagccc ctaggctacg aggtgccgtc 420
 aaagacactg ctcatgtact cggagctctg gaaaagcagc ctccgggagg gcggcgaggc 480
 aggcggcggc ggcggtggcg gcggcgaggc cggggggggc ccagtgtgcg gcgccagcgg 540
 cttgtgcaaa accaactgtg gcgtgtgctg caaggccgag ctgggcctgg cgccgtccgc 600
 gctgcccgcg ggcagggtca tcaagccgca ggtcatcaac caggctgtgg ggctgccggc 660
 cagcggctcg ctctactact tcaactacct ggactcgacc gcgtacccgc cgtctgagct 720
 cctcagcggc cacctcttcc cgtctggcct cctcaatgcg caggcccccg ccgccctggc 780
 tgctcaccac aagctctttc tgctggagaa cgccaagctg gccggcctgg ctgaggacaa 840
 gttccccac ccggctccct atccccataa ggagcgcttg ccggcgccgc tggagcaggt 900
 actgaaggaa aactcggccc tgactgccga gcgcggaggc gtcaaggggc acagcaagct 960
 gccaggaggc tccgcagatg gcaagcccaa aaacttcacc tgcgaggtgt gcggcaaggt 1020
 gtttaacgct cactataatc tcaaccgcca catgccggtc cacaccggag ccagaccgtt 1080
 cgtgtgcaaa gtctgcggca aaggctttcg ccaggccagc acgctctgca ggcacaaaat 1140
 tatccacacc caggaaaagc cacataaatg caaccagtgc ggcaaagcgt tcaaccgcag 1200
 ctccacgctc aacacgcata tccgcattca cgcgggctac aagcccttcg tctgcgaatt 1260
 ttgcggcaaa ggcttttacc aaaaagggaa ctacaagaac cacaagctga cccacagcgg 1320
 cgagaagcag tacaaatgta ccatctgcaa caaggccttc caccaggtct acaacctaac 1380
 cttccatatg cacaccaca acgacaagaa gccttttcacg tgcgccactt gcggcaaagg 1440
 gttttgcaga aactttgact taaagaaaca tgtgcgcaaa ctccacgaca gcgtgggccc 1500
 tgctgcccc cccgcaaagg acctgactag gacagtgcag agctgaagag ctactgcctt 1560
 gcccttcctt ccctccctgt accacctgaa aacagatcac acatataaac ttattttctaa 1620
 aatt 1624

<210> 5771
 <211> 2641
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (2517)...(411)
 <223> similar to gi29472 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 5771

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gagcacagga	gcacccctgg	ccacatcccc	catcctaagc	agggctctgag	atgaggccag	120
gcctgacgtg	ggcttgggag	aagctgacgg	agctccctgt	ggccttgggg	agggaaaccag	180
gcagacctgg	aagtggaaact	ttgttggttag	caccaggagc	cgccacacagc	tgggctcggc	240
aacagggcag	cacatggccc	tgttgccctc	acctgagagt	ctggggagggt	gctgggtggca	300
gaaggctccc	tgcaggagggt	cacctgaatg	actctcagat	tcacagaccc	cctctgcccc	360
cacaacccct	gtaaacatga	gaatgggctc	gtgacaccct	caacacctca	ggacaagatg	420
aggggtccgag	atgtgtggct	gggcttcagg	cggcccagga	gctgccgggc	tttctcctgc	480
atgaaaagct	gggtccctgg	ccccccgcag	gccaccgtct	tccaggcact	ggacatagggt	540
gcaggtgtcg	tgaagtggct	tcggggcttc	tggggccactg	ctgccttctc	gggcttgccc	600
tgcaagaagc	cctgggttag	caagctgttg	tcttctttga	tacctgacag	ggtgaggctg	660
gaagagtttg	aaggggcagt	tgtcggcaag	gatagagact	tgggcagtgt	ggacatcatc	720
agcttcatat	cctcatccac	aatgtcaaga	gccagagact	tccggacttt	cttgatgggg	780
ctccgcccga	gcccaggctt	cctcttctgc	ttctcgggcc	tgatgtcgtc	ctcgatgatg	840
agttcgatgc	cagcctcaga	acgcagcacc	tccttcaagt	cctcctccag	gtgcggggtc	900
tgtggcaggg	gcttcagggg	tccgtacttc	tccagggcgt	tcttgaacgg	ggttggcgtg	960
tggggagtgt	tgtccatgga	gtacttctga	tctgggggta	caaacgcagc	atgtttctgg	1020
tgcaggggtg	tcttgtcccg	gtgcagtgg	gtggtgacca	ccaccttctg	gctgcacact	1080
gggggtggatg	tcagcgagggt	gctctccagc	tccaatgtgt	cctgtttgtt	ccagaagtgc	1140
agaaactggg	agggcgagaa	gggcagggtc	ttaacagggtg	tgctcttggg	cgtgaggctg	1200
ttacaggaat	ccaggaagga	cagactgggtg	ctattctcag	tgacagggga	cagagccaca	1260
cgctctctcc	tctgccgctt	gagcacagag	ggcgggtgtg	caatgccaga	gcccccgact	1320
tcagtgtctg	gggagatggg	gatcagctcg	ccccggtcgc	tccggctcag	gtctgagatg	1380
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tggcaggact	tgtgtctgat	gtgacgcttg	cagctgcact	aggctgttgt	tgatactgtc	1500
ctctgcagat	ggttcctcag	ggaggtcaaa	tttactcagg	tcacaccaag	catcagggtc	1560
cgactcgatc	aagtccagggt	cttcagagag	gctagaaccc	acagcgggga	tgaggagggt	1620
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ctcacgcttc	gggaattcct	ccaagggtc	tgggtgttcg	actgcgtcca	gatctgtacc	1740
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ctcctttatg	gtaggaggga	cggaggggcca	gttgggtcaga	agacttccct	ggccttccgt	1860
gggctgggca	ctctggaggc	cgtccttgct	ctcgagctcc	agcagcaagt	acactggggg	1920
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cagccggccc	ttcagggtgt	tggcaatcag	tgtccactgc	tttgtgccat	acttcttaac	2220
cagctcgatg	actttttgg	cttccctctt	ggtccatggc	cccttgacaa	ggtctggatt	2280
caaaactctc	agccacctgt	actggcattg	ctgggtcagt	cggttaggga	agtggctggc	2340
caggaaactc	cagtctctgt	gtccaaactg	cctcaccagg	gccctcagct	gctcgtcctc	2400
ctcatgggtc	catttgacct	tgcacttgct	atccctctgc	tccggcacat	ctgaatctgt	2460
gtcctggtag	tgcagctcat	ccatgattca	ctcagcgcgc	gtccgcccag	acaatcccc	2520
ggcccgagcc	gcgcgcgcct	cgcccgcccg	ccggcagagc	ccggagcggg	agccggggccg	2580
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c						2641

<210> 5772

<211> 1523
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (1)...(1524)
 <223> n = a,t,c or g

 <220>
 <221> misc_feature
 <222> (1484)...(417)
 <223> similar to gi3875351 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 5772
 ctttttctaaa caaatTTTTca cattgtaaac aaagcgtcct attttTgtatt tgagttttTgc 60
 ctttttcttc ctagggaact ataagagagt ttctgtgacc attaagagga ctccattttc 120
 accgctgaaa tagaattatt gcccttatag tcttgctggc aaattgtag aaaaaaagtt 180
 tatttacagt attttgcttt tccataccaa ttctagttag aagttcacat tcttaaattc 240
 ccagtcagca actgcatttc tcccctccaa tgtcctctcc atgacttatc tctgaagttt 300
 cgagccaatg tttaaaatgt acactattta caaatgaagt gtccaaatgc catattccca 360
 gctctccagt cagcaggggg acccttctga agtggtgtca tgtgctggga ttcagaactt 420
 gaacaagttg ataaagtcct ggggtgaaag tgaaacggag cagctctctg gggtattggc 480
 agtgcacgga tggtcagtgc cttccagga aaggatgtga cagtgtttgc agagctgaag 540
 ggtatctcca tactgctctt tccttgggta acatcggaca agtttgaaat acatcttctt 600
 ccaatccagc tggcctttgt ctgacagaat taatcgtttg cggatctgcc gctcggagaa 660
 gtggtactgg cagagtttct tccacagcag ccggtcttcg ctgagcacgt gcaggtcggg 720
 ggcagcctgg ccagggctga ccagggtccc ccggtcgtc agcctctgca tgatgttcag 780
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 aatggtgttc agctgctgct gccagtggag aatcgtctcc atccgataca cccacatggt 900
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 gaaactgccg ctcttctcat ccaggaagcg cttccagccg tcgaccgtct tcaccaggtt 1440
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 cncnccaact aatggtctcg aat 1523

<210> 5773
 <211> 6582
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature

```

<222> (1)...(6583)
<223> n = a,t,c or g

<220>
<221> misc_feature
<222> (527)...(3388)
<223> similar to gi2224671 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

<400> 5773

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ggagactttt gatgctgtat tacaagaaaa agccaaacga tatcacatgg atgccagtgg      180
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atccagagca gagatgtatg atgacgtcca cagcgatggc agatactccc tcagtggatc      300
tgtagctcac tctagagatg ccggaagaga aagcctgaga agtgacgtat tttcagggcc      360
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```

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```

```

<210> 5774
<211> 2107
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1839)...(242)
<223> similar to gil88864 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

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<400> 5774
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atctcaagat acctggatcg tttccacaaa acaagtgttt cttgacagaa ggggttaaca 240
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gatggtggag atggtgtgct taggagggtg cccctctgca cggggtgtcg gtgttgccat 1680

```



```

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ccggctc 2107

```

```

<210> 5775
<211> 9401
<212> DNA
<213> Homo sapiens

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```

<220>
<221> misc_feature
<222> (448)...(7689)
<223> similar to gil665821 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

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cagggtgagg aggatgtgac tccaggggcc ccagtactcc gagtacagc ctcggtacga 180
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<210> 5776
 <211> 2746
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (2598)...(606)
 <223> similar to gi5579331 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

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<211> 2841

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(2842)

<223> n = a,t,c or g

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<221> misc_feature

<222> (2044)...(367)

<223> similar to gi3142288 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

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gatcttgggg	gatgccgtca	tgtcaaagtt	gagcttgacc	ttctcctgct	tgtctatctt	2640
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gtaggggtgtc	ctaaatggag	agtaattaaa	aaccccaaac	ttcctgcgga	tgttctccac	2760
gtaaaccctcc	atctcttgca	tggcactggt	gaagatgctc	ttagtctttt	tcacanaaaa	2820
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<210> 5778

<211> 2522

<212> DNA

<213> Homo sapiens

<220>

<221> misc feature

<222> (1720)...(604)

<223> similar to gi330123 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<222> (2804)...(208)

<223> similar to gi433338 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 5779

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ccagatggag	tggcataggc	atgggtgagt	ggtaggtctt	gtagggagga	cctgagccgt	180
aggaacatgg	ccaggcactg	acagcatcac	tcgtcgcctt	gttgaaggag	cagaaggtgg	240
atttcttgga	atgagggacg	gttcttcgta	tctcttctcc	agcagctgag	catcagcttt	300
attacacagg	agtcagggac	aaatgggctg	gttgagggga	ggtaagtctg	ccctcccttg	360
ggctctcgga	agaactctcc	agtatttctt	caataacctg	tttcatctgg	acagctgggg	420
aataggggcc	ttttctttga	caaaaggtga	aagttttccc	acaaagtaac	ccccaaaggc	480
ccacacatca	cttgctgtag	tgaacttgcc	cagcaagata	ctctcccaag	acatccagcg	540
gatagggagc	actgcccggc	cctggatccg	gtaaatagtca	ccactgtaca	ggttcctgct	600
cattccaaag	tcagctatct	tgattgtgta	gttcttacct	actaaacagt	ttcgtgtggc	660
cagatctcgg	tgaacaaaat	taagagagga	aaggctactt	atgccagagg	caatttgggt	720
agccataaac	ttcagattgg	tgtaaactgac	agtgcgtaca	tcgctggagg	aagaattagg	780
gggctcgtgg	cgggaaagaa	actgattgag	atctccattc	tccatgtatt	cagtgatcat	840
acagagaggg	tcatcagtga	tacacacaga	taatagatgg	atgatgtttg	ggtccttgag	900
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ggagtggctg	gtgactggaa	tgaaccggac	aaatctggct	acaatgggag	gctccaagtc	2340
cttttaggaaa	atgtcatagg	ggttactatt	tccatccagc	acctgtttcc	catgacgggt	2400
ccgccaagag	atccagcgag	tgccatcccc	actgtaattg	atcttgtaga	tggggggcaaa	2460
ctcgtatcca	tgacctcctg	catggcgccc	ctgggtcccc	accagagtga	taaaatggag	2520
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gcaccaggct	ccatccccct	cttctgagtc	cagccttcca	tatttggcag	ctgtggactc	2640
tgaccactga	ctggaagctg	tgatgtcctc	atctggaatc	tggcctcctg	acatgcccag	2700
aggatagcgg	catatagctg	gattaacctg	agcttttgca	gaactcaaga	taggcagcag	2760
caggaaacagc	accaagagca	ttctgggaat	caggatcatc	tcagaagatg	gtgttggaac	2820
tggagtatca	acgggtgcag	agcattctct	gtggagcagg	atcctcaaaa	acagctggcc	2880
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gggtgcacag	ttttggaaag	aagaaaacag	agctataatc	cactgcgttt	ccccaaccca	3060
aaaagaagaa	tttggtgtga	aacgcttctt	tttccacttt	gctggtgaag	gagcccgggtg	3120
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<210> 5780

<211> 878

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (752)...(713)

<223> similar to gi5732934 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 5780

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taagccctgg	gtcatttggg	acctcactgg	ccagcaccca	gaggctgaag	acatccacag	180
ccagagcctg	ggaagccaga	cccagagacc	aggagaggga	atgtctacag	cgtggctcct	240
gaggtcagg	ccaaggtcag	cgtgggaccc	tcatcgggtc	agggccagcg	cctcttggat	300
cactgtccgg	agtcogatgg	aaaacagctc	ctcccatggg	tcccggatcc	aggcaagcag	360
ggctgtcagc	tgctoctgac	acaccacacg	gagtgcccaa	aagctctcca	gccgggacac	420
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caggctgctg	agtggctgct	gtccctgac	acgcacagca	gggcccggcc	ccgagggagg	540
caccttctca	gaggcttgcg	cagatgctgc	tggaggagag	ggctctgccg	gggaccctgc	600
agcatcctca	tctaacagga	acaggggtgga	cggagtcagc	aacagggata	cgaggcaggt	660
ggaagggcct	gcagggaaag	aggcatccag	tgtggaaggt	catggagggg	cccagatccc	720
tggggccagc	gtcccagtg	tgctggggag	aagaggtgtg	aaccacactc	tgaggtgggt	780
cacaaagcag	cctgtgcccc	tggggccaag	accctccctt	tccaagctc	catgaatctc	840
tactctggaa	tacctctgcc	tcttggaat	tccaccgc			878

<210> 5781

<211> 892

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(893)

<223> n = a,t,c or g

<220>

<221> misc_feature

<222> (433)...(688)

<223> similar to gil345538 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 5781

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aaccttatta ttactgaagt cgccttggtta cacacaaaca tctacagtgc ctcctggcca 60
ctccttctgg acttttcttt cctagcccag gtcaaagtgg gccttcggga ggaccctgga 120
ggagaagccc ctcctctctt acttccaccc tctctcttcc acccctggaa gtcagctttc 180
tgacctcaga atcccagcta tcttctggac tcaggtgaca agtcacctaa gtgacagatc 240
cagcatgcac tttatgacca tctactctgct ctcctctgcat cagcgcccca cccaacagag 300
ccgaccaggc tgggaacacc gagaccgaga gcgcgtggct gtgtctacaa aggccctctc 360
tttgagggag acacgcgagg cacgggtggg gcgatgagac aggatcggcc ggtccttgac 420
agtctctgaa gctgggagaa catgacccca tgctctcctg ttggagtcac cacctctttg 480
ccaacagcca ccaaacctcc acctccaatt aagctccacc cccatgtccc cactgccctc 540
cggacatctg ttcagcacc cctcgcacct ggccaaggct ccacgcaccg ccctgggttc 600
ccgctctgcc cagccccccg ctgaagtctc taatgggttc ttccgattcc acctgtccaa 660
ggtaaaaccc tgaggtttgc ctcctccgc ggacacctca ggtatctggt tgctcaggct 720
gaaatgtttc ccaaggccct ggctcctctt ctttccaaac cccgaaggca gctgattagc 780
aaattttgac tctaacctca aaacatgttc cagaattcag ccacattctc cccacttccc 840
cgcctggccc tgggccccgc tattccatct caatctctgc nccggcgcg gc 892
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<210> 5782

<211> 1207

<212> DNA

<213> Homo sapiens

<220>

<221> misc feature

<222> (282)...(1125)

<223> similar to gi5732634 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 5782

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ggaggcagga ggtcgggctg gggaggtgca catagtgatg ttaacttttt cccgtgtgta 60
aatatggaca gccgaagggt cgtgtaaatg ttctgcaaaa gtgggtctat acagagtga 120
agctatttat tttgtgcaga gaaaaaagtc tggaggggatg gaaccttcag ggtttattca 180
tatttaagat gtagcttttt gttgtttcag gcattatgta taaagcaacg attattttat 240
ggaccaagtt ttcattgtaac tgttgacgtg aaagtgcatt atctgacccc cctgctccca 300
gcaggaagtt gcttggcccg acaatcacag cccctgtcag gggccctgtg gccagtgcct 360
cctcctctct tggccccacc ttatcctgtc ttgcctgctg cctgggagac cagccatcca 420
gagaagcacc tgggaagagtc tcgggccctc ctgcaataaa ggccgggagg cctgtggggc 480
agtgggctca gcctctcccc aggggggcag ctccccacg gctcctcact cccgcctgc 540
ctgccagacc gccagccatg ccaaggacaa cagcaatagt cccctggggc tctcccagcg 600
gccctcagcc atagatggca aggtgggcag cctgcccccc catgggaagt ctcttctgta 660
tccaggtctg ctttccacct cccttcagat tctttttggc acatttctct cttgaggaag 720
taccagtctt tctgaaacta agagagggag ggcagcgtcc tttaaaaata ccaaaaatgt 780
ttacagagtt ggggtgctgag ctgcagggct caggcctgac cagtataaac caaagggtga 840
ggcaggcctt gctgactgcc accccccagg cctgttagaa tagaagcctt agtcccactc 900
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ccaccacacc	cccacgcccc	accacctgcc	ttctctttga	tttctaaaga	gggggttcag	960
cagagacccc	ccaccctcc	ctggctcggg	ctgagtccca	ctgcccaccc	catcacagcc	1020
ttcacgtctc	agccccctcc	gtctggtctg	tccgtgtgcc	gtctgtttct	ctgggccatg	1080
tgtgagcagt	gtccccatct	ccccatccgt	ccctgctgtc	cccgcacat	tgggcctgag	1140
tgtgctctgt	atacaacgtc	atgtctgtta	caccaattaa	agaagcgga	aggcttcaaa	1200
aaaaaaa						1207

<210> 5783
 <211> 2131
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (395)...(1798)
 <223> similar to gi483843 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 5783						
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ctcagaagtt	aaatggaaag	gtgaggtctc	tgaactaatc	cagactctcc	catgaggttc	120
ctttggcaag	tccctgggctt	ctgtcctcat	ctgcaaaatc	gaaagcattc	ctgaggtttc	180
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gggcctctcc	gctccctctg	ctcttgagg	tgccatgagg	tcagttagct	acgtgcagcg	420
cgtggcgctg	gagttcagcg	ggagcctctt	cccgcacgca	atctgcctcg	gagacgttga	480
taacgatacg	ttaaatgaac	tgggtggtgg	agacaccagc	gggaaggtgt	ctgtgtataa	540
aaatgatgac	agtcggccat	ggctcacctg	ttcctgccag	ggaatgctga	cttgcgttgg	600
ggttgagagc	gtgtgtaata	aaggaaagaa	cctgttggtg	gcagtgagtg	ctgaaggctg	660
gtttcatttg	tttgacctga	cacctgccaa	ggtgttggtg	gcttctgggc	accacgagac	720
actaatcgga	gaggagcagc	gtccagtcct	caagcagcac	atccctgcc	acaccaaggt	780
catgctgac	agcgacatcg	atggagatgg	gtgtcgtgag	ctgggtggtg	gctacacaga	840
ccgtgtggtg	cgagctttcc	gctgggagga	gctaggtgag	ggcctgaac	atctgacagg	900
gcagctgggtg	tccctcaaga	aatggatgct	ggaggggtcag	gtggacagcc	tctcagtgc	960
tctggggcca	ctgggtcttc	ctgaactgat	ggtgtctcag	ccaggttgtg	cgatatgcaat	1020
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tggtagtagg	gagaccccag	ctgcccagga	cgtggtgctg	caccagacat	ctggccgtat	1140
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agaaatggaa	gaagcagaca	agctgctgtg	gtcagtgag	gtggatcacc	agctctttgc	1320
cctggagaaa	ctggatgtca	ccggcaacgg	gcatgaggag	gtagttgcat	gcgcctggga	1380
tggacagaca	tatatcattg	atcacaaccg	caccgtcgtc	cgcttccaag	tggatgaaa	1440
tatccgtgcc	ttctgtgcag	gcctgtacgc	ctgcaaagag	ggccgcaaca	gcccctgcct	1500
cgtatatgtc	actttcaacc	agaagatcta	tgtgtactgg	gaggtgcagc	tggagcggat	1560
ggagtctacc	aatctggtga	aactgctgga	gaccaagccg	gagtaccaca	gcctgctgca	1620
ggagctgggc	gtggatcctg	acgacctccc	tgtgactcgt	gccctgcttc	accaaacgct	1680
ctaccatcca	gaccagccac	cacagtgtgc	tccctcaagc	ctccaggatc	ccacctagct	1740
gtacttgcc	catagctggg	gaaggattct	tctgaacccc	cacctaccc	cctaaaggcg	1800
tctttggatc	acactgcgcg	gctgctggct	ccatcaciaa	acaatgaagg	aggaagtggg	1860

acgcagagag	aaacgcacat	ggggagaacg	ccacgtgaag	gctgaggtcg	ggataatgca	1920
tctgcaagcc	aaggaacacc	taagaggacc	agcaaaccac	cagaagccag	gggagaggcg	1980
tggaacagac	cctgccttac	agctgtcaga	aggaaccaac	cctgccaaca	ccttcctgtt	2040
gtactttcag	cttccagaac	tgtgcctgca	gggcttgaga	gaaatggaga	caaagaaggc	2100
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<210> 5784
 <211> 1120
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(1121)
 <223> n = a,t,c or g

<220>
 <221> misc_feature
 <222> (1078)...(224)
 <223> similar to gi6002599 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 5784						
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tgcaacacac	agtaagaaac	catattctat	caattatgat	attctgtaat	ctaagaacac	120
agaaagtttt	gttattagga	aatgccaaga	ggaaaaagaa	ctctgtaaag	tcctattcaa	180
tttactttgt	tagggaaaag	gatgtttatt	tggcttttgt	cacagttcca	tcatggctta	240
ctcttcttgt	aagttcagct	tcaatgcctc	gctagtcttc	agcttttgctt	cttcaattct	300
tcactttgag	caatgagacg	gatttcggca	ttaagtctaa	ataggactcc	aattttttcc	360
ttcaaaggta	tagtctgttg	ctttaatctt	ggccagtttt	ctctgatgag	tgctactaag	420
gactggatng	agacagagaa	agcatccctg	gcctctggcc	gaaagttgct	cccctgcagc	480
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tgtagacatt	tttctaatac	taaagttgca	gttaaatttt	tttcaagttt	ttccagttca	660
atcttgattt	cttcactttt	ggatttggtg	cgaagagat	cagaggtcaa	atcattcact	720
gcagggataa	aactagctag	cgaggatatcc	tttgtttcaa	gggccaccgc	actgtcaacc	780
aaagcattca	gatacctgga	accagtgcta	gagagattgg	cgggggaaaa	attcacactc	840
tccatgagaa	ggtcttgaag	atacttggt	tctgactcgt	attcacttgc	tttctgcttc	900
aagtcctcta	ttaccaggta	gacatccctg	tcccggaccc	tggtgcgttc	tgaaaggtga	960
tgtaaaatct	ctgtggtccg	tgggttcacc	tcatactgtg	gaataggatg	atctccaaat	1020
atTTTTTTT	accacgcagc	aacctgcgtt	tctctctcct	cctgcggctc	catagctgcg	1080
gctcccgcga	ctttactag	aactcctagc	gggagatg			1120

<210> 5785
 <211> 3022
 <212> DNA

<213> Homo sapiens

<220>

<221> misc feature

<222> (2574)...(1107)

<223> similar to gi30821 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 5785

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ttccaggcct	gcacatgctg	cgtgatgaaa	tgaggcctgc	ctagacatct	gtgagggcct	180
cgagggtctg	tgctcgact	ttctccctag	ctaagtccac	ccgtccaggg	acacagccag	240
ggcactgctc	tgtgctgact	tccactgcag	ccaagggtca	aaatgaagca	tctgcggagg	300
ccaggactcc	ttggcatcgg	acacagtcag	gggaaaagcc	accctgactc	tgaggacag	360
agggctctagg	gtcatttggc	aggagaacac	tgggtgtgcca	agggaagcga	gcatgatttc	420
tggagtggac	tacatgcatg	gtctggagtt	cagtaaactg	gaaagtttca	cccccaagtc	480
ttaatttaaat	caaaattgct	gaactctgtt	caatcttcat	tgttaaaagc	agctttaaaag	540
ctgggtgatt	tcttagtcaa	atgtataacg	aagcttttac	ttatcaattt	ctttttggga	600
gggggcatgg	gctgaaatac	atcttgtgct	caataaacct	ccccacatca	atatttcaaa	660
gcactttcta	ggttacaata	atgacatttc	aattccatat	acgcatacat	agaatatata	720
tttttaaaca	gagtgggtct	taagagtata	cttggaaacc	tcgagtcct	ccatggacaa	780
gaacagggtg	gcccattggc	ttccagccaa	aggtccact	gtggggctgc	tttggggaga	840
gactcacagc	tggacttctc	tatccgacca	tgcaatgtta	gccagcacca	attaccaca	900
atgctttgcc	cataagagat	agaaataatg	gaactcacag	gaagaaacag	tattgataac	960
atacacaggc	ttacagaggc	caggcccagt	aattaccatg	agacagaagc	ctacaggtgg	1020
cggtgctttg	actgggctgg	gattattgat	acatttactg	attacatcac	ttcttttata	1080
aggcatatgt	taaaacgcag	tgctacttga	aagtcgaaag	gcacagcttt	ccgggggagt	1140
catggaactc	ctttcactat	ctcatccgtg	acctcctttg	cgccggggcc	tggttgctct	1200
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atcggtccg	ctggtgtaaa	tcttccctg	atctggctcg	aacctggctg	tgggtcctcg	1320
gagaagaagg	tcaggtacct	ggagagcaca	gtcaacatca	cagttgccgc	ccaaactggc	1380
tgtggtccct	cgatgggttc	tgtccctcca	gaaaacgcag	gcttattgga	ccttgggttt	1440
gacctgtttg	gccctgtcgg	tgaggaagat	ggaggagtgg	gggtcgctgg	cactcatttt	1500
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tataggcctg	gtccagggtc	aggctccttc	acagatactt	ctcgtcatcc	gtcatctgga	1980
tgaccaaggg	cacgttaaat	acatcctgga	gccactttgt	gaaaaataaa	tggaatgagg	2040
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tcttaatttt	cataggcaat	caagaacctg	attcatatct	ctgtgtgaga	agaagatgcc	2160
tctgcgcagg	gaagtgggtg	ggtctttggc	cggttggtc	tctctattcg	gggttttag	2220
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cccttttgca	ctgcttgtct	gtactgtcca	tgggtccaca	aaatcctctt	cagcttctgt	2340
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ctctcaggaa	ctacgttcac	agccggcctg	aggtcagagg	atttgttcag	cagacgagtc	2640
aagaccaggt	tgtggaagac	actgcagagg	tggccactgg	tcacgctggg	cagttgagct	2700

gctgagagtg	ccctgcccag	ccagaaatgg	tctttaatac	tcttcccctc	tttcttttcag	2760
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<210> 5786
 <211> 1829
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (1417)...(1828)
 <223> similar to gi4191327 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 5786						
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aaaatttaat	tcaaatcaac	ttttaaaata	attttttcagc	ttagtaccat	acagttggtg	120
tccagtattt	ttagaaaagt	aaagtcttag	catgaaactt	ccttaaccta	ttttagcctc	180
atgctttttg	ctaaaataga	cttaaaaact	gaattaaatt	tttatataca	cttatattta	240
attaatctaa	agagatagct	tacatataga	aattaagtaa	aggggagatc	tgtattttca	300
ttcaagatgt	taaaggctag	cacagaaatt	ttctaggcat	taaatcattg	cttattacat	360
aatgttttta	atagtttgct	ttgatatcag	tattgtgaat	aacggagcaa	attcagccat	420
attagttctg	ttgacttcat	gttcataatt	ttgagaagtc	caggcgtaaa	ctaaaactct	480
tttgggtgtac	ttgaatatcc	tttgtttgtt	gatgtaaaat	atgtaatctc	tgattttata	540
gttaacaata	aaaataaaaat	tttaggtgag	tgaaagcagt	gattttaaatt	taacagtgtc	600
ctcttgaaaa	accttaatca	cagttaagtg	atggcatggg	caatgaattt	taatcatatt	660
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gatctttttc	tacaggggat	tattataagg	gacaaattat	agttgtaaat	tagattaatg	840
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atataattac	ctaacaatga	cagaattata	cattttccct	ttaattctct	aagcattgag	960
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aagtataaat	cgcaacattc	tgttttcttg	gatgtattct	gggtagcttc	tagttacttg	1140
taaacaaagt	attcattgtt	tttgtaataa	agtgataatg	ttttgtttta	tagttgagtg	1200
gcttttaggg	aattttaatca	cctggaaagt	gatatttttt	taattacctt	ttgttactaa	1260
atcttatcta	atttaaaata	ctatgttttg	aaagtatata	tcttgatatag	ttatcttttt	1320
atatgaaaat	gaactctaatt	acatatcttt	ctttcagtg	tcatatcaca	aagctcaatt	1380
aaatggctct	ggaaaaaaa	aatcgttcca	tgttggtcca	ggtcccgttc	aagaagttct	1440
tccagttcgc	agtcaagatc	tcgttccagt	tccagagaac	gttcgagatc	tcgtgggtcg	1500
aatcaagat	ccagctccag	gtcccacagg	ggctcttctt	ccccacgaaa	aagatcttat	1560
tcaagttcat	catcttctcc	tgagaggaac	agaaagagaa	gtcgttctag	atcttcttca	1620
tctggtgatc	gcaaaaaaag	acgaacaaga	tcacggtcac	ccgaaagcca	ggtgattgg	1680
gaaaacacta	aacaaccctg	agcccagggc	caacccttac	ggaacaccac	tactttaccc	1740
agacgccaca	ggtcatcatc	tggatcatcc	cattctggtt	cccgttcaag	ttcaaaaaag	1800
aaataatgta	ttaaaattta	catcttaaa				1829

<210> 5787
 <211> 1327
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (1085)...(884)
 <223> similar to gi288145 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 5787
 cccacgcgtc cgcggacgcg tggggaaaga aggcgcgcga gctaagccca ggtctctcct 60
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 ggaattgatg agctgtcttg atctcaaaga atgtggacat gcttactcgg ggattgtggc 180
 ccaccagaag catttacttc ctaccagccc cccaatttct caggcctcag agggggcatc 240
 ttcagatata cacacccctg ccagatgct cctgtccacc ttgcagtcca ctacgcgccc 300
 caccctccca gtaggatcac tgtcctcgga caaagagctc actcgtccca atgaaaccac 360
 cattcacact gcggggccaca gtctggcagc tgggcctgag gctggggaga accagaagca 420
 gccggaaaaa aatgctggtc ccacagccag gacatcagcc acagtgccgg tcctgtgcct 480
 cctggccatc atcttcatcc tcaccgcagc cctttcctat gtgctgtgca agaggaggag 540
 ggggcagtca ccgcagtcct ctccagatct gccggttcat tatatacctg tggcacctga 600
 ctctaatacc tgagccaaga atggaagctt gtgaggagac ggactctatg ttgccagggc 660
 tgttatggaa ctctgagtc aagtgatcct cccaccttgg cctctgaagg tgcgaggatt 720
 ataggcgtca cctaccacat ccagcctaca cgtatattgtt aatatctaac ataggactaa 780
 ccagccactg ccctctctta ggccccctcat ttaaaaacgg ttatactata aaatctgctt 840
 ttcacactgg gtgataataa cttggacaaa ttctatgtgt attttgtttt gttttgcttt 900
 gctttgtttt gagacggagt ctgcgtctgt catccaggct ggagtgcagt ggcatgatct 960
 cggctcactg caacccccat ctcccagggt caagcgattc tccttggcct cctcctgagt 1020
 aagctgggac tacaggtgct caccaccaca cccggctaatt tttttgtatt tttagtagag 1080
 atggggcgct gagtggactg caaggtggac aggagcatct gggcaggggt gtggatatct 1140
 gaagatgcc cctctgaggc ctgagaaatt ggggggctgg taggaagtaa atgcttctgg 1200
 tgggccacaa tccccgagta agcatgtcca cattctttga gatcaagaca gctcatcaat 1260
 tcctgaaccc atgggtcctt gttgcctcca cacacgctcc aggaaaggag ctggaacctg 1320
 cggagga 1327

<210> 5788
 <211> 2029
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (1944)...(1946)
 <223> similar to gi868213 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 5788

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acagcagtat	ctcaggaaat	aaacattatt	ctcattttac	aaaaaagtgt	atgtgaactt	120
taaaaaaatc	tacactacaa	tatgaattga	tattatctct	gggtagaatg	ctaacaattt	180
tattttctcc	tttactgtat	tactaaatg	tttcacatta	aatgttgat	tacctttgaa	240
atcagaagat	acattgtcta	aaactgatac	atcaaggaaa	tagttgtata	aggcatatta	300
cctaaacaca	gaggggtacc	aacaggaaat	taaaagtggg	ttaaaaatga	ctcctggggg	360
gaactgtaag	gaagagggaa	gggtgaaggg	gaaggaaatg	ggttgctttc	cattctaaat	420
cttcacacaa	tctattctta	aaatcagaca	agggctgtgg	taaatttttt	caattattaa	480
aaaaaattat	ttcttcta	aggaataggc	ctttgagaac	cctattaatt	gtaatagggt	540
tcaattcagt	tagtcaacta	agtattataa	aatgcaactg	gatttacaga	aataatttcc	600
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gaaatatgat	gcctattcag	tcatccactg	ccagtttaaa	aatgcttttc	taaataattc	840
caagaagcct	attagtata	tgtatatgga	taatttcctt	caactctatt	tctagaatgg	900
ctatgtacaa	atccagcaaa	actggaacag	aacagggtaa	gaaagcacat	agcaactgct	960
ttttcaacag	taaattttga	ctattcccct	aaatatctac	ctagtggctt	aaaactaaaa	1020
ctatggtctt	tggttttaaa	aagaaagtca	aaaaattttg	acttttaatg	actgcacaat	1080
tctaccaaag	ccagtgttta	cctgggtatt	ttttgtcacc	tgtagtttac	atttccctgc	1140
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tcaatcagac	tactactac	tgcttgagga	gtccgttgac	ataatctcta	catcatcttc	1260
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catattcatc	gacatgtcat	ttgactgcca	tggtactgt	ggagcaagga	catctggcaa	1380
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gtcccctgga	accaggtca	gtggagcaca	tacagcatta	cttgcaactga	tcctatgtgc	1560
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tgaaattgcc	agcatttcta	taagtccct	agacaggacc	tccaagtcct	caagcgaga	1920
cagcagccgc	tctcgtgtgc	tgttaccacc	cgccactccc	aaaccgcctc	ccagccgctc	1980
cttctccttc	tcaccactcg	aagacgcagc	cattttcccc	agagtcccg		2029

<210> 5789

<211> 3356

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(3357)

<223> n = a,t,c or g

<220>

<221> misc_feature

<222> (2848)...(1116)
 <223> similar to gi5748565 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 5789

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aaagcagaat	tcattcatta	taaggaagga	tttctaaca	ttagaatttc	taacaattag		180
aatcatccag	ggcctcagga	ggtgcggaag	ttcctgtcac	ctaagtgtct	aagcagaggc		240
caggtgtcca	tatgctagaa	atggagaaaa	ggaaactcac	cagcaacttc	ccctcagctg		300
gccctccatc	accaatgcgg	cagtccttgc	cgtgacatgc	tgagctctgg	aaggagcgaa		360
ggaggggctg	cgggtgttcag	acaagagcct	ggacacagtg	ctgctgacag	ccaggggagg		420
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cttaagtaac	ttacagtaaa	agacaggggc	attaaggcgt	taataccaga	ggatggaggg		780
tcttcctttc	cactggtggc	tctcttagcc	agagggctct	aaggggcgga	tgctattgct		840
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cgctccctgcg	cttggaagt	ggttccctgg	ccaccggggg	tgacctctct	cgctagcagg		960
gcccacccag	ctcactcccc	gcgtcttcca	tcccctctag	gattccccatt	gtcccctact		1020
ccagcactag	gcaggcaccc	ccagcccact	gcgactccca	ccacgaagga	ccccagccct		1080
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tttgtgccgg	aagcgcttgc	cacaacaggc	acacatggaa	ggggcggtcg	acggcatctc		2160
caccggngcc	ggggggcggt	tcacccgtgg	ggggggcccct	ggggcggggg	ccccagaaga		2220
ccttggctgg	cgggcctcgc	tcctaggggc	gtcggctaac	gtgacccgc	ttgtgggcaa		2280
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gggggcatgg	cgaaagcgac	ggccacactc	agggcagggc	aagggcaggc	cggggcctgg		2640
caccggcggg	tgtgaagcca	cagaggccac	ccagccaggg	aagtgccttc	gacagtgggc		2700
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gcctcagccc	gcgggactcc	ttcccagggg	tctgggggtga	ctcctgggag	ggcccagaaa		2820
ggagtcgggg	ctgggcgggg	cccatggcca	ggggggcccct	gcaacgacgt	tccagcatcg		2880
gttcttcctc	tgcaagaaaa	atgtggcnac	tgctccctac	agtgccttna	tgctgccctc		2940

tccctgtgtc	tgctgtttcc	tatgccacat	ccgagctgca	cagcaactct	gagaagctgg	3000
acaaacagac	actgagctcc	cctggagact	gcagagctgg	ggatgaggct	ttttccagct	3060
cctcttgggg	atgttcctgg	ggatacttcc	gcggctgcag	cgctgtcttc	ggcccacact	3120
ccggtagccc	ccaggtgtta	gagaaaactg	cagtaataaa	gacacccta	tccccatggc	3180
agagctcaga	cctctgactg	cagagaggcc	agccttacct	ctgcggcggg	ctgtgcaggg	3240
acgcggcgcc	cgcccatgga	gcccgaaggc	cgccctccgc	ggcccactct	cgctccccgc	3300
cccgcgcggg	cgacagcggc	aggttcgagc	ctcgtgccaa	gcttggcgta	atgagt	3356

<210> 5790
 <211> 2319
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (2082)...(514)
 <223> similar to gi5764665 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 5790	
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cctgtccttt	tgctgtgaga
atgaaagaca	ggtccagagg
gatctgcagt	ccctgccaac
tggacactgc	tttgcaagtca
gctgtgcccc	ctgctgccag
gctccagctg	atgaggcggc
gagccactcg	gcgtcccccg
ggccaccagg	tcccggtggc
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cttgcgggca	cccgccagac
caccaggccc	ggcagccccct
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gccgccccct	gaagttgctc
ggccaggccc	cctgggaaac
gccacactcc	gctcttggtc
ggtctacgcc	gaggttcctg
ccaccctccc	agagatctcc
gcctgcgagc	caggctgatg
agggccgagt	cacatgagct
tcaggtggat	gaagttgacc
tcattgtacc	ataacgggtg
cataggcgaa	gacgatgatg
aagcaagctg	gtctgccccct
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ttacctccct	gtactttgca
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ttaggggagg	aaggatcct
gccctgaatc	aggccaggca
atgggatcca	tctctgagtg
catgcccaag	gtggtggcca
tctgtctctc	gggcagtagt
ctagagctca	tctcggggct
gcgggggctg	cgcagggtct
atcccatgga	gaggatgtct
aggggcagcg	agcaggggct
ctgtactgc	tcgttggggg
catgcggcgc	agaggctgtg
ggccagcgtc	cagtaggagt
ctccttctca	gggttcacct
tgctccaca	tcctccatca
cgtcattcct	tcaaacaacc
ccagatggag	taatggtctg
gtcctggtag	cccgggagca
tggttagcat	ccagccatcc
gcgaggcgag	catgcgttcc
cgtcaaacc	tatcttgctg
tgccggggcc	gtccactagt
ccagccccctg	gtgggatttc
cgtggacgga	gacccagca
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gggatgcaag	gaaggtggag
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agaagttgga	gtagtaggtc

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gctccgtgga	gatctgccat	gtgctgctgc	aggctggagc	caacataaat	gcagtggaca	1860
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agcccatgcc	tgggggtgct	gccatcttct	ctccccacca	ccctttcaca	cattcctgac	3480
cagagatccc	agccaggccc	tggaggtctg	acagcccctc	cctcccagag	ctggttcctc	3540
cctgggaggg	caacttcagg	gctggccacc	ccccgtgttc	cccatcctca	gttgaagttt	3600
gatgaattga	agtcgggcct	ctatgccaac	tggttccttt	tgttctcaat	aaatggtggg	3660
tttggttaata	aaaaaaaa					3679

<210> 5792

<211> 4721

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (4442)...(591)

<223> similar to gi5915904 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 5792

aaatgcaggt	agtttttccc	ccttttcccc	ttaaaaattt	tttttttccc	taaaagcttt	60
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aattcccaag	taggttttta	ataggcccc	cataaagaaa	aaaatttttc	cttgccatcc	180

ccggttaaaa	ttgggcccc	caagggttct	tttaaaaggg	ccccctttt	ttttttttt	240
gcactgaagc	agaagttgct	ttaatcaagg	ggtgaagtcc	tcaatcaagg	ggacctact	300
taaccttttg	tgggtgggtc	tcagcctacc	ccccacaagc	cctgaggccc	ctcaggaagg	360
agggagcagt	tgaacaacaa	attatggcag	aggccaggga	atgggagtgg	gggaacccgg	420
gtcaagggtga	aggggcagga	cgctgaaagg	gtgggagtga	agctgaacgg	ggcaggaaga	480
gcttaaccca	cgttttctacc	tgggggctgg	ctgaggtggc	tgtgcatcgg	gcagagcggc	540
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ggtgcgagtg	atgtctacta	cggtgcgtgtg	tgtgctcaat	tgattcaatg	tctccagcag	960
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ctcctcaaac	tctttctcct	tctttcgcag	cagtgcctgg	gtctcctcca	gccgagtctg	1440
gactttctcg	atgcgctcat	ctgcatacct	ggcagcactg	tccaacttct	tctccaggag	1500
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```

cgctccttg aggcgcgcgt gcaggtcggc ctgctgctcc tgcattttgc tcttccattc 3660
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tgggggctga ggagcaagtc ccctctgctg cctgaggatt cctgaaccca gagacacaga 4680
atcctgcttg ccagctgatg agtctcactc tgcgctagtg c 4721

```

```

<210> 5793
<211> 786
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(787)
<223> n = a,t,c or g

<220>
<221> misc_feature
<222> (626)...(385)
<223> similar to gi687821 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 5793
tttttttttt ttgactgaac gattttctaaa ctttatggaa aaagccaatg acaatcaatt 60
agccaaaaac gagacgcca atcccatctc actccagcgc catgccctct tctcaaacgc 120
tcgccggctc taggacctct ccaccagcac agttctcagg agtctgctg gtctccagc 180
gctgttctaa ggggtccacat gaaggcagg caggcgggac tccccgggca agcacttctg 240
tacgcggaaa gcacgaggcg caggagccat ggagagccgg tcctttggag acaggaatac 300
ttaagaggat tggcaaaccg gagaaacgct ggagagagg ccccgactg cgggtggaag 360
gcagagtctc agttctctc gggcttgtcg gctggcggtc cacaaggctg aagcatcttt 420
tccatcaagt tgaagcggac tcgcgctttg ctctcattct ccgcaatggc gaagtagttg 480
agaaggctga agtggcccat gtaggagcag tacgagtcgc ggtgttggtt caccagccac 540
tcccacttgg tgggtgtcggc gtggcccgtg ccgatgtact tggactgcag gtgctccagc 600
tggtctatga tgggtgtagc gtcagtcac tcgcccgttt ccccttcgct ctcaggtcag 660
aggacgcagg taacaactcg ccgctctagc gttttacagg agagtgaagc caccgcgcgg 720
aagctccagg tccgcgccgt cgcagaagaa tggcggaatt ccncncatg gggtagcgaa 780

```

```

<210> 5794
<211> 1070
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (353)...(764)
<223> similar to gi4406556 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 5794
tttcgtctca cttcagccag agagcggggg tagggcttca ttgccttggt tcctctgctc      60
cgggagactt cgggtgattct gccactccct ccgtcgctct gtgacctgct ggcattgaat     120
gatttatagc taagactcca ggacacccct gaagccgaga aatgaaatcc caagttgacc     180
gtcaagtcca acgctcgctg cagacatcta gtggacccgg cgctcgcgga cggaagcgga     240
cagacctagt tggatcctta tcccaccaat ctggcccacc ttgctgcca tctaaccaccg     300
ctgaccggcc caccgttcct ccaactgtccg ctggttgacc cgggcagcgg agagaggagg     360
gtgttgtaa tggaaatatg gattcttcta cagcaaacat gtacatctat atcatgtgga     420
acaaggatag tgggaaaacc tctgattgtg aggacgtaga actgagaaga gcatatgaaa     480
tgtcataaga aaaacacttc tggagcatgt cgtcttcaag aaaatggtgc ccagacagtc     540
aggatttgtt tacattttaa taggaatggg gatatttgtg atatactgac aaaccaagac     600
aggtgactat aaaactgcaa tgtaaagtgt cagcttcttc tcacaccttt atagtagaca     660
tctgagaacc tcactcctgt cagcatattc ttgggggtga atctcaagt atccatagaa     720
tcttagataa agcagatgaa aataggcttt tctgtcttcc taagtaaaca gcaatgaagt     780
tgagagaaag aagatatgtc tggaaatcat gataaagtct atcttctgtg accatatgtt     840
tccttagaga gttttagaca ttgacctca tctaaaaaat tgtgaaaaag gactctcacc     900
agtctgttaa tatgtatgta tatgaaagaa attactggta aacttctaag gcaggcattg     960
gtgttacttt tttttatctt tatttgtgtc gtaaaatgat tgtgtgtatt ttttctttga    1020
ttagacaatg agattcccaa ataaatttta ttaaagccaa aaaacccttt                1070

```

```

<210> 5795
<211> 1502
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1330)...(1020)
<223> similar to gi4877643 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

<400>	5795						
ggctgtcaat	gctgaactta	cagtgttaaa	gttcatttat	ttttctctgt	ttgctttttt		60
gttgaaaatg	tagctgtctt	ggggtttggc	ccgattttac	aaggaaaatt	attttctttc		120
ttcctttttt	attttaaattg	agaaaaaata	aaaaccctca	caacgtgaga	ttcctttact		180
tctgcagcat	aaaagcaaatt	gaaggttaaga	aaatctcctg	gtacgaaaaa	tttgagtaag		240
aattctctct	agaataaaaca	aggtcccccac	agatagctga	aggaaagagg	aagcagttca		300
gtctggcacc	cgttactctt	tgggaaaaaca	aaaagggagg	cagattgcat	tactgctctc		360
ttctcataga	aaacggtaag	tttttgtggc	atgggtccatt	gtccaagagt	gtaagaaaag		420
aagtgaagtg	gccattcaga	tagctaaaat	gcagtttcat	ctgacccaaa	acccaagatt		480
atctgcacag	tctctgcagt	gccaggacaa	tgcagggtag	agaccaggag	agcagggagt		540
ggccacgctg	ggctgcagaa	gagtcacact	ctctccggtc	gggattccact	gcgggggcct		600
ctgtggtgac	aaactcaaac	tccgtgggac	acacgtcatc	catgcaccca	ctgccactcc		660
ctgagccact	ggattcatca	cttgtgtcct	ggaaattgac	atcattgcca	ttgtaggcgt		720
tttttagttt	gttggtcatc	acacggagag	ccataatctg	ctgtctgatg	aaagtgtcag		780
gccgagtgat	gtccacatcc	cacctcggga	ttgttgatct	ggttggtgag	cccatcattc		840
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gtgcccgtg	tctagctctc	gtccttgtag	atagtgtagg	gtaatgctga	ccagaccttt		960
ttagagagct	tcaatttctc	ttttatgtct	gtgaccagcc	gggtccaagct	tgtgcctgca		1020
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gctgagcggg	cagatctgag	ggctggagca	ggtttgggct	gaccacatcc	ctgaaagacc		1140
tttgacagaca	cctgcatgct	gttttcttgc	atgttcataa	tggcttcaga	aatcttgaca		1200
tctatcgggt	ccatgaccga	ctcaatgttg	aatggccctt	ccagtcgctc	tgccaccaag		1260
agcatgtcat	ctgttaaaat	acaggaacat	gatttatattg	caaactggga	gctccaggtt		1320
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ttttaaattt	gctttcatat	agtcctaaaat	gaaatagatg	actgaatctt	aggacgactg		1440
tattttgttt	gaagattcaa	aattattttta	tatgtctaga	accagggctg	aaaataagaa		1500
aa							1502

```
<210> 5796
<211> 1143
<212> DNA
<213> Homo sapiens
```

```
<220>
<221> misc_feature
<222> (502)...(822)
<223> similar to gi2318003 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters
```

<400> 5796						
acgtcatatg	catcagaata	agctgtttta	tttttgtatt	agtagcgggc	taagttatta	60
acaatcatac	tttcttg gat	aagaacattt	ttaacaagga	tatcttctaa	agaatgtgta	120
ttcgtatagc	ataccaatac	cttttcacaa	ctgtggaatc	agaataattt	atggcattcc	180
cgatagagga	ggcagcattg	tttttattga	ttggaataag	gaaaattttg	aaggatgtat	240
atatagcttt	tagttccatc	tccgcttgct	ttatgattcg	attattttgtt	tacttacttt	300
catatgggca	taacatgaat	ttaaatcaag	cagatttaaa	atttttcaac	agttggaacc	360
taagctttct	gaggtgaaaa	atgtttctta	aaaggtttgt	aggaaagaga	tttaacgagt	420
cttttcaatc	gtttaataaa	agtatacact	gagcgccttc	tacagagttg	ggcaggtgct	480
gccgagaagc	ttagcgctac	gccggcctcc	aagaccgcac	atccgggaca	ttcgaagatc	540


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agtccgaggg cccgccctcc taagggcggg gccactgggc aatcggcgca ggcccttcgt 600
cgtgccccgc ctcgtctgcc ccgccagcgc gtcgagggag gggccagcga cacatggcct 660
agtaactgtc cggccgcggc gctggcttaa gccatggctg agggtagccg gattcctcag 720
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gaccggcggt ccggcccgcg ggataccggg tcagcttgaa gctggcccgcg gtggcctgcc 960
tggctgcgct tgtcttttcc gtccagcatc accgttcccc agcgccagtt gtagcaccgc 1020
agaggaagag cgtgtctccc ttcttggggg gaccacaggt ccaaagagga ctggtgatct 1080
acgtgtgctt tttcaaggga gctgataaag aacttcttcc caaaatgtgt aatacactgt 1140
taa 1143

```

```

<210> 5797
<211> 1929
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1364)...(1460)
<223> similar to gil510153 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

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<400> 5797
cagacagcga ttaggtctat ttcaaggcat tctgccagga gcacagcgac tggggggcca 60
cgtaatgagc ccacatctga gccacaggaa cccagccagg ctggcgagga cctggaaaag 120
gagaccctgc gcaagcagcg gctgcagcag ctatgaggag gacttctacg agctggtgga 180
gccggctgag gtggctgagc ggctggacct ggctgaggca ctggctcgact tcatctacca 240
gtactggaag ctgaagagga aagccaatgc caaccagccg ctgctgacct ccaagaccga 300
cgaggtggac aacctggccc agcaggagca ggacgtctc taccgcccgc tgaagctctt 360
cacccatctg cggcaggacc tagagagggt tagaaatctg tgctacatgg tgacaaggcg 420
cgagagaacg aaacacgcca tctgcaaact ccaggagcag atattccacc tgcagatgaa 480
acttattgaa caggatctgt gtcgagagcg gtctgggagg agagcaaagg gcaagaagag 540
tgactcgaag aggaagggtc gcgagggtc caagggcagc actgagaaga aagagaaagt 600
gaaggcgggg cctgactcag tcctggggca gctggcaggc ctgtccacct cattccccat 660
cgatggcacc ttcttcaaca gctggctggc acagtcggtg cagatcacag cagagaacat 720
ggccatgagc gactggccac tgaacaatgg gcaccgcgag gacctgctc cagggtgct 780
gtcagaggaa ctgctgcagg acgaggagac actgctcagc ttcattgcggg acccctcgct 840
gcgacctggt gacctgcta ggaaggccgg aggcgcgacc cgctgcttg ccaagaagaa 900
accaccacca ccaccaccgc aggacgggcc tgggtcacgg acgactccag acaaagcccc 960
caagaagacc tggggccagg atgcaggcag tggcaagggg ggtcaagggc cacctaccag 1020
gaagccacca cgtcggacat cttctcactt gccgtccagc cctgcagcgg gggactgtcc 1080
catcctagcc acccctgaaa gcccccgcc actggccct gagaccccg acgaggcagc 1140
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gggcgggctc cggccacccc gcgagagcaa ggtaaccggg agattgcccg gtgccaggcc 1260
tgatgctggg atgggaccac cttcagctgt ggctgagagg cccaagggtca gcctgcattt 1320
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cgaggacggt ggggtgcagc ggggtccccg ggaggcaggg gcagaggagg tgggtccgcat 1440
gggcgtactg gcctcctaac tcacccctt ccctgtccca ggccctgcc tgggtccccc 1500
acaaggcctc agcccagtca caactgccat ttccagtctc tgctgagtgt cccagaccct 1560

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cgaggctgcc	actccgtcgt	ggttttat	ttaatataga	gagagttttg	aattctacac	1620
tggtgtcttt	cctctgtgct	ggcctaggac	attaggattc	cttccacggc	tccggccgct	1680
aggaccctgc	cagggtcccgc	gcaccatccc	tgccctgccc	acgtgggtatt	gctgggctcc	1740
tggtctagatg	caagcaaggt	ggacaagagc	tcaggactcc	agcccactgc	cactgggtga	1800
cacagactgt	cgtttgggca	ttatttcatg	gcagatgggc	cagtccaggg	cctaccccgc	1860
cttgccccca	gatcccactg	gggtccattt	gaggggtcat	gctacactcc	accgatcccc	1920
aagtgtatt						1929

<210> 5798

<211> 2711

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (956)...(1760)

<223> similar to gil93527 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 5798

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ggggcccggg	gcccctaagc	cattcctgaa	gtcatgggct	ggccaggaca	tcggtgaccc	120
gccaatccgg	tatggacgac	tggaagccca	gccccctcat	caagcccttt	ggggctcgga	180
agaagcggag	ctggtacctt	acctggaagt	ataaactgac	aaaccagcgg	gccctgcgga	240
gattctgtca	gacagggggc	gtgcttttcc	tgctgggtgac	tgctcattgtc	aatatcaagt	300
tgatcctgga	cactcggcga	gccatcagtg	aagccaatga	agaccagag	ccagagcaag	360
actatgatga	ggccctaggc	cgcttgagc	ccccacggcg	cagaggcagt	ggtccccggc	420
gggtcctgga	cgtagagggtg	tattcaagtc	gcagcaaagt	atatgtggca	gtggatggca	480
ccacgggtgct	ggaggatgag	gcccgggagc	agggccgggg	catccatgtc	attgtcctca	540
accaggccac	gggccacgtg	atggcaaaac	gtgtgtttga	cacgtactca	cctcatgagg	600
atgaggccat	ggtgctattc	ctcaacatgg	tagcggccgg	ccgagtgtctc	atctgcactg	660
tcaaggatga	gggtcctctc	cacctcaagg	acacagccaa	ggctctgctg	aggagcctgg	720
gcagccaggc	tggccctgcc	ctgggctgga	gggacacatg	ggccttcgtg	ggacgaaaag	780
gaggtcctgt	cttcggggag	aaacattcta	aatcacctgc	cctctcttcc	tggggggacc	840
cagtccctgt	gaagacagat	gtgccattga	gctcagcaga	agaggcagag	tgccactggg	900
cagacacaga	gctgaaccgt	cgccgcccggc	gcttctgcag	caaagttgag	ggctatggaa	960
gtgtatgcag	ctgcaaggac	cccacacca	tcgagttcag	ccctgaccca	ctcccagaca	1020
acaaggtcct	caatgtgcct	gtggctgtca	ttgcagggaa	ccgacccaat	tacctgtaca	1080
ggatgctgcg	ctctctgctt	tcagcccagg	gggtgtctcc	tcagatgata	acagttttca	1140
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agcatactcc	catcagcatc	aagaatgcc	gcgtgtctca	gcactacaag	gccagcctca	1260
ctgccacttt	caacctgttt	ccggaggcca	agtttgctgt	ggttctggaa	gaggacctgg	1320
acattgctgt	ggattttttc	agtttctctga	gccaatccat	ccacctactg	gaggaggatg	1380
acagcctgta	ctgcatctct	gcctggaatg	accaggggta	tgaacacacg	gctgaggacc	1440
cagcactact	gtaccgtgtg	gagacatgc	ctgggctggg	ctgggtgtctc	aggaggtcct	1500
tgtacaagga	ggagcttgag	cccaagtggc	ctacaccgga	aaagctctgg	gattgggaca	1560
tgtggatgcg	gatgcctgaa	caacgccggg	gccgagagtg	catcatccct	gacgtttccc	1620
gatcctacca	ctttggcatc	gtcggcctca	acatgaatgg	ctactttcac	gaggcctact	1680
tcaagaagca	caagttcaac	acggttccag	gtgtccagct	caggaatgtg	gacagtctga	1740
agaaagaagc	ttatgaagtg	gaagttcaca	ggctgctcag	tgaggctgag	gttctggacc	1800

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acagcaagaa cccttgtgaa gactctttcc tgccagacac agagggccac acctacgtgg 1860
cctttattcg aatggagaaa gatgatgact tcaccacctg gaccagctt gccaaagtgcc 1920
tccatatctg ggacctggat gtgctgtggca accatcgggg cctgtggaga ttgtttcgga 1980
agaagaacca cttcctgggtg gtgggggtcc cggcttcccc ctactcagtg aagaagccac 2040
cctcagtcac cccaattttc ctggagccac ccccaaagga ggaggagacc ccaggagccc 2100
cagaacagac atgagacctc ctccaggacc ctgcggggct gggtagctgt tacccccagg 2160
ctggctagcc cttccctcca tcctgtagga tttttagat gctggtaggg gctggggcta 2220
ccttgttttt aacatgagac ttaattacta actccaaggg gagggttccc ctgctccaac 2280
accccgttcc tgagttaaaa gtctatttat ttacttcctt gttggagaag ggcaggagag 2340
tacctgggaa tcattacgat ccctagcagc tcactcctgc ctttgaatac cctcactttc 2400
caggcctggc tcagaatcta acctatttat tgactgtcct gagggccttg aaaacaggcc 2460
gaacctggag ggcttgatt tctttttggg ctggaatgct gccctgaggg tggggctggc 2520
tcttactcag gaaactgctg tgcccaaccc atggacagg ccagctgggg cccacatgct 2580
gacacagact cactcagaga cccttagaca ctggaccagg cctcctctca gccttctctt 2640
tgtccagatt tccaaagctg gataagttgg tcattgatta aaaaaggaga agccctctgg 2700
gaaaaaaaaa a 2711

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<210> 5799
<211> 1760
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1672)...(144)
<223> similar to gi5777952 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

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<400> 5799
tttttttttt ttgagcgggt ttcttaagtg tctttaatac tccactcagg gcagtcccct 60
ccctctactg agaggctctt ggctctggcc ccaagagcag ctggaaggcc ctggcctgaa 120
cttcaaccaa cttgaatgtc caaggctgtg tgtgccacgc tccctggctc tggtagctgg 180
tatgcaagca cctctcgggc cttgggggag tttgatcccc tccagccact cctgggtaca 240
gtcctgcac gtgtgcacct ggactccgga cgccgcacag ggatgtcagc gtaaagcct 300
tccattctgc cgcagcaggg gccttatccg catgtccgtc ttgaatcttg ggctttggcc 360
tcttgccatt ttaagcatcc tccagcacag ggcaggacct ccacaaagtg gaattgggaa 420
atttgcctt cttaaagctt aggatcatgt tctggatgtt tcgaaagcca taggctgcag 480
caaagcgtaa caccacctct ccgttcttct caagggtgac ctcttggaa tctttgtttc 540
tcagggctcg gtaagtgacc tccctccacat ccctccgttg aacagctcct tggccgcatg 600
tctgaagatg tgtgccaggt gcccgctctga gctggctcca tcatgacgcg tcaactttgtc 660
ctccttcaag tctccaaaca gagtgcgac ctgagcatct ctactgaga ggtcaccctt 720
gtcctccatta atttgaagca aatttcaacc ttgatgttaa acaacgcaag tcaagcggcc 780
ccgggaagcc atgcaaagcc agggggaagg gctttccctg aagagcctcc cagcttcttg 840
tcattaacca aggggccacc aatgaccgtg gaaaaatctt ctctggagac aaggttctgc 900
tgtctggcgg aaataatcct tcaccaaaga gcccatgacc tgctgggggg actttggcgg 960
tgccaagaag gtgggccagt gatggggcga cccagcaac ccgctccggc gtatcggaac 1020
ccagcccagg acaggcagag gtcagcatgg ggcagggtgc gttccctccc tcaactgtgt 1080
ggcgaataac gacgcacgaa ttcttttttg actctcccag gataactaaa tccgcagcta 1140
tcgtcgtatc aaatacatag tgcaccccaa gacttttgag gaaaccacag agtcttctgg 1200
atgcatcagt tacactgagg ttgaatttag cagcaaaata aggcaaagat tgaggacaca 1260

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tacagatata	tacagtatat	aaatatatat	atatatatat	ttatatTTTT	gggggtggga	1740
gaaatccaaa	ataaagtaaa	tgcttgTTTc	atttttaagc	tgctgatatt	cattccttat	1800
tgatatgttg	cagatgagga	aattgtgcag	ttctggTaca	taaagatgag	taatataaac	1860
tgaaatctat	aattttaagg	gcttaacctg	tgactTTaat	aagctggaac	agtccactga	1920
atgggtataa	tgaattgcag	tatatacgta	tgattgcttt	ttaagtgatt	atcttttctt	1980
ctgttaagtc	atgtaaattc	ataaatcctt	ttgcactgat	gtgttgaacc	ttattcttgt	2040
acattcattc	aatcaaggca	aacttttata	atttttcttt	tgtttccaat	gaccttgaaa	2100
tgttatagca	tggtaatatt	ctatgcaact	atagttatac	tttttggttt	gacactgtat	2160
tttttcacat	tgatttactg	gttgatgata	gatt			2194

<210> 5801
 <211> 694
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (60)...(6)
 <223> similar to gill174092 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 5801	
cattaatttc	tgcttttatg ccaatgtcac actgtcttga gtacttcctt tgtaataggt 60
tttgaaacca	ggaattgtgt gacttctaca atttcattct tctttatcaa gcatgttttg 120
gctgttttgg	gtcctttgaa attacatatg aatttcattca gcttgtcagc ttgtcagctt 180
gatcagcttg	tcagcttctg caaagaagcc agcttggagt ttggtagggg ttgcattgca 240
tctccagatg	aatttgggga atgtctccat attaacaata tttagtcttc ctatccttga 300
acatgggata	tattttcatt tatctggctt cagttctttc aacaacattt tgtagttttc 360
actgtacaat	gatctgggtct tttgctttcc aaaaccagaa actcttttaa gttgaagggt 420
tcttaagact	tttggggagg cagttctgct aaacaaacag aaaagagaac atttggttag 480
aaaaaaacag	agataacagg aagattaatt attttaataa taaagcaagg aaccaattta 540
ttaaaatttt	ttagaatatg ctttgtaacc ataatgcttg aatctgttat acatttgtct 600
cagactggaa	gttccccctt gtgacttcaa gatacttgag aaacaatcag taatcaagta 660
atgggttgct	gggtatagac aaacaacaca gagg 694

<210> 5802
 <211> 1372
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (896)...(1280)
 <223> similar to gi2992628 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400>	5802					
gggcccgcctg	gacacacagg	tcccctggca	caggtaacaa	cagaggaccc	tcagggagag	60
aaggctccca	gcttcctcta	caccctgaga	accgctgccg	agagacccaa	aagacacctg	120
ggcatcagtg	ctgcagccct	accttggcct	ccaggtagat	gctagtggag	ggcgcccgcc	180
tggcgacaaa	ggaagaggca	ggcagcaaga	gacagcgcg	agatgacgaa	cagggagtcg	240
ctcaccagga	cgcggaacaag	cagcagggcc	cagggctgtg	ccgcccgcgc	gcatgggaga	300
gcacagcaca	cagcacgttc	accagcagaa	agagcagcga	ggccccaca	aaggcccctc	360
ggacagcgag	caagcctcgg	ctcatcttcg	ggcccgcgc	ttcactttgg	ccttgaacac	420
cacctggggc	aaagtagagg	ttcataaggc	gtcaagggtga	agaactgcag	gcagacgggg	480
cagcagtaga	gaagccagaa	gggcaaaggg	ccccagggtt	gtttggcgcg	gggagtatct	540
tcggaatta	gaaggagaaa	aaggttggtta	cgcaaggggg	ccccagaagc	agacagaggg	600
ccaggaacac	ccgtctgata	agctgagacg	cttgtgcccc	atacagaagc	accagccaga	660
gctgggcata	gacggagaag	aagagcaggg	catacagggt	ggtgtaggca	gctgtcagcc	720
ccagggtcac	agcaggtggc	agcgcaggca	ccaagcccgg	caagcaggca	accaggccca	780
gacaggttac	tctccatgtc	aaggggaggga	ggcctgaatc	ccggagacag	acaaggaggg	840
actgtcggcg	ggaccaggga	aataaatacg	gaggggtggg	aattgcaggg	tgacagagag	900
gagatggggc	gctcaggagc	aaagaagttg	tggctgacag	gccccctctc	tcaacagaga	960
gacccttgcc	cttgggggaac	acaggcagcc	tgggccccag	gccccctcact	caggggcatg	1020
gaagggcag	ctctttttctc	caggacagac	cggatagggg	ttgggggtgt	ctcctccttg	1080
ggcctacccc	agagccaaag	atggggggat	gcagagggcc	aaggagagga	ctccctggcc	1140
tcggtcgttc	atgtcgtcct	gggtggaggg	ggaggctctc	tctcctccaa	taatgcggat	1200
ggggagggcc	tctgcctcct	gtcctcgtaa	ttctcgaaaag	ctgccccgcg	cccaccctcc	1260
cccaccgcgt	ccacgctcca	gcctcaaggg	gagggaggag	gcggacgcca	ggctcctcagg	1320
ccgctgatgg	gagagccggc	tcaggtcgtg	gggacccggg	gctccgacga	aa	1372

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<210> 5803
<211> 1345
<212> DNA
<213> Homo sapiens
```

```
<220>
<221> misc_feature
<222> (1322)...(238)
<223> similar to gil84848 in the genept database release 114,
      Run with FASTXY 3.3t00, default parameters
```

<400>	5803					
tttttttttt	ttcacaggtg	caaagattca	cttttttattt	attcatttctc	ctccaacatt	60
tagcataatt	aaagccaagg	gactaggagg	ggggtgaggt	gaaagatgag	ctggaggacc	120
cgcaataggg	gtaggcccc	ctgtggaaaa	aggttcaaaa	ggcccaaagg	atgggaaggg	180
ggtcagcgct	ggaactagag	gagcaggtgg	gggcaacttc	ctccccctcc	taaaaactct	240
ccccctgttg	aaacctcttt	gtgaacgggc	cgaacctcag	gccccctgaat	gggtgaactt	300
cgcaggccg	taagagtttg	tgtttcctcc	gtaggctctgc	tttgctcagc	gtcaggggtg	360
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ctgggggag	ttacccccat	ttggaaggc	gttaatccac	ctctccactg	gtactttttg	480
gcctcttttt	ggggatagag	gttattcagc	agggcacaca	acagaggcag	ttccagattt	540
caactgctca	tcagatggcg	ggaagatgaa	gacagatggt	gcagccacag	ttcgtttgat	600

<210> 5805
 <211> 2173
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (1848)...(676)
 <223> similar to gi3907579 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 5805

gctgttgc	at	cggtgtcat	gaattcggca	cgagctcatg	ctgccagatt	atctgggtgt	60
ggtggcacta	gaatggagat	acttcatggg	aataatactc	attgttcttg	accccaactgg		120
gtcagtgtc	accctaccac	caccactct	gcagcagcac	ccagatgcta	gccttgtaca		180
gaaagcccca	gcatctcttt	acagtcaatg	agctctctct	ttattgaggt	atttcaaata		240
tacaaacact	tcagagcttt	ttagatatgt	gaaggtccaa	tttagtgaag	cggattaaca		300
aaacatgatt	ctaaaagcct	gcctcctcta	gaccaaggcc	atgtaaaaga	tttatgtacc		360
aatcagcatc	ttttcctttt	aataatcttc	aggatgttgt	gttgggtccc	cagattccca		420
tttgattttc	ttgcatcatt	ttctcagact	gtttgtctcc	ttgcttcctc	cccagtgagt		480
gccttgggca	ttttgtgtgt	gcagatagag	aagtacagag	ttactgcagg	agccctcagg		540
agtgagacaa	caggaaatga	caaagtaata	cagagctgca	gtagctggga	tgggtgagga		600
cccacttgg	gatgccccat	ggtagagtac	tgggtgccttg	ggagggtaga	actgctcagg		660
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cctctgaggc	tctgtactca	gccacgcccc	cagcatactt	cttacctggc	caatttaaga		900
actcattcca	tagaagagct	tgtacttctt	gccatccctc	tcgatgagct	caccacctga		960
ctcactgtgc	ccagccagca	tgccaccag	catcacgaag	tcagctcctg	ccccaaaagc		1020
cttggccaca	tccccaggac	agctgcaacc	tccatctgaa	atgatgtggc	ctttgaggcc		1080
atgagcagca	tctgcacact	ccatcactgc	gctgagctgt	ggatacccca	ctccagtttt		1140
cttccgagta	gtacacacag	agcctggccc	aattcccaact	ttgatgatgt	cagccccaga		1200
aaggatgagc	tcttctacca	tctctcctgt	taccacattc	cctgccatga	tgggtgtgctg		1260
ggggaagcgc	ttccgtacat	cttttacaaa	ttcaacaaag	tgttcagagt	agccatttgc		1320
cacatccagg	catatatact	tcacctgggg	aatagcttcc	aggatctgtt	ccagctgctc		1380
aaagtcagaa	gagcctgtgc	ctgagctggc	agccagatgc	tcaagacagt	caggattctg		1440
gccagcaaac	tcttgccact	gaacgagggt	atagtgtcta	tggacagcag	tgaagagaga		1500
gaacttctca	gcaacaagta	tagaggcagg	taatagtact	gacaggagca	gcatcttcca		1560
tttcaaagt	aacaacttgt	atataagaaa	aacacatccc	at ttggggca	catcccagaa		1620
actcccagga	acctaggact	tacagagaac	cttggccatc	tcaaaggtgc	ccacagtatc		1680
catattggca	gcaatgatgg	gaaccccaga	gtatgtctgc	tttgagttcc	gaaatgaaaa		1740
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gacatccttg	aagtccagtt	tcacatcggt	gtcaatatga	ggcatggcgc	ttagcctcgg		1860
ggtagcgatg	aatctgaggg	ctggaaggca	ggaagtcata	aggaccaatc	ttcccctggg		1920
ctttaacgcc	ctgttacggc	tgggtggcctc	tcttcgctta	agttgtggaa	ggtcggggcaa		1980
aggccgaagt	gtggtccctg	aagcctgtca	cctcgaccca	tcccgtggct	gcgattaccc		2040
tagggctcca	tcccagggtac	tgtttgttgg	ggaggagagc	tgggaaagg	ttgtgagaga		2100
ccctgacggg	gcattccctta	ccccgctaca	cttccttctt	ctacccctgc	aaagagcaat		2160
ggggcaagag	gct						2173

<210> 5806
 <211> 1849
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (1462)...(349)
 <223> similar to gi3387962 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 5806

tttttttttt	taaagataaa	attaatttat	ttgacttcac	aacttcattg	ggccacacag	60
gggcccacaa	gtcctagaag	cacaaccttg	tggaagtggg	ctggggaggc	cagttctctg	120
gactgcctgc	tcccttgctc	agagctgcct	tgagccaggt	ccctcctgac	cccatcatcc	180
tggtcccata	tgcaagggct	gctcaggctc	acctgcaata	aaccagggcc	tgctctggc	240
agcagaggac	agggcctcgt	gggtggcagc	agcactggtc	ctcgtggctg	tggtgtggg	300
tggtgtggta	ggtaggtggg	aaggagggca	ggcaggagg	tgtggttcag	tgagagagc	360
tgctgttctg	ctcttcaaag	gccatcttgc	ccagaagctg	gctgtccaac	tccacccac	420
ttacaggcag	ctggaagaag	ttcatttcag	ctgctaaggc	tgccatggca	gaagggctct	480
ggccaaactg	agctcgcaac	atcatgtcca	ttttctccag	cctcctcttg	agccgcttgg	540
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gcctcatggc	ctcccgatcc	cgctgcagcc	ggcgtgcccg	ctgctcgtct	gtctcctgca	660
tgcgtgcaa	gcgcttggtc	tcacgggtccc	tcacgcgcct	cacctccgc	tcctcgggg	720
tctcattgtc	ccgccggctc	ttcttggtccg	tgcgtctctg	ttccagccgc	tgagccgta	780
cttccaaagg	ctcattctgt	cgacgtagag	cccacttgcg	tacactggga	gtctgggctt	840
ccagcagttt	acggtaggca	gcacagtgtg	tgcacacaag	cagaattcca	gcagggtaca	900
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tggttaggga	ttccatattt	agtacttcag	gaagtctctc	actgttaaaa	gtggcatggc	1020
tggtgaaccg	ggctccacac	acagcacagt	tagatcgctg	gtcctccgag	tggtattaaga	1080
ggtggcgacc	caatgacccc	ggggagctaa	gggcccggcc	acagacagga	mcacatgtag	1140
ctcttggtgc	tcaccaactgc	tgacgtgtgc	tggtacacgt	gagcaatcaa	ctgctcccgg	1200
ctccgcagct	ctagctggca	gaggggacac	tggcagagtt	caagcaagg	gtcagaattc	1260
aaattccctg	tgacctcgctg	ctcttaccct	tcgttcccac	caacaggctg	ttctgtattt	1320
tctaactctt	tctccaattt	ggacaacccc	tcccatcttc	cctctgaagt	gtggggaaaa	1380
agattcatct	tgtgtcgtct	ccctccttca	tcacctcaa	ctgtcacagt	gaaactttta	1440
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ccccagtttc	acgactggat	atgttactac	ctccttgcaa	gatgctaacc	tccagctctg	1560
gtgcagttcc	cacggagcaa	agcaaactcg	actgaatcca	agtgatctgt	atctgcaaaa	1620
aaggagagga	caagaaagct	ggtcacttag	ccgcctggct	gttcacctga	cccctgggg	1680
tggtgtctgg	gcgtgtctaa	tcagccgaga	tggctccctc	gcttcttcaa	gcatgagccc	1740
aggtaaattc	ccaggaatta	ccaagacaag	agcctgacaa	agagccggag	gtcttccgag	1800
gcggctcaga	caaaccctta	gacaacacaa	tctccgaaat	ctaaatttta		1849

<210> 5807
 <211> 1278
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (219)...(889)
 <223> similar to gi2384956 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 5807

ggcgccctgac	ggaagcgggcg	gcagcggggca	gcggctctcg	ggctgcaggc	tgggcagggt	60
cccctccac	gctcctgccg	ctgtctccca	cgtcccccag	gtgcgcggcc	accatggcgt	120
ccagcgacga	ggacggcacc	aacggcgggcg	cctcggaggc	cggcgaggac	cgggaggctc	180
ccggcaagcg	gaggcgccctg	gggttcttgg	ccaccgcctg	gctcaccttc	tacgacatcg	240
ccatgaccgc	ggggtggttg	gttctagcta	ttgccatggt	acgtttttat	atggaaaaag	300
gaacacacag	aggtttatat	aaaagtattc	agaagacact	taaatttttc	cagacatttg	360
ccttgcttga	gatagttcac	tgtttaattg	gaattgtacc	tacttctgtg	attgtgactg	420
gggtccaagt	gagttcaaga	atctttatgg	tgtggctcat	tactcacagt	ataaaaccaa	480
tccagaatga	agagagtgtg	gtgctttttc	tggtcgcgtg	gactgtgaca	gagatcactc	540
gctattcctt	ctacacattc	agccttcttg	accacttgcc	atacttcatt	aaatgggcca	600
gatataattt	ttttatcatc	ttatatcctg	ttggagttgc	tggatgaactt	cttacaatat	660
acgctgcctt	gccgcatgtg	aagaaaacag	gaatgttttc	aataagactt	cctaacaaat	720
acaatgtctc	ttttgactac	tattattttc	ttcttataac	catggcatca	tatatacctt	780
tgtttccaca	actctatttt	catatgttac	gtcaaagaag	aaaggtgctt	catggagagg	840
tgattgtaga	aaaggatgat	taaatgatct	ctgcaaacaa	ggtgcttttt	ccagaataac	900
caagattacc	tgagtccaag	ttttaataac	aagaataaac	aacttttgta	aatatcatgg	960
attgtatggt	ttcttaaaaat	ataacttgag	acacgtggta	tttgccagta	tttgtgttcc	1020
tcttgtgcca	gatctatttt	ttacaagaac	tgtgcaaata	tcagtaactt	ttgggtaggt	1080
attgattatt	aggaaaataa	ttaggtgtat	tatctggggg	aaaaaaaaac	ttttgctaag	1140
ttttttttga	aacatgctca	aagcttttta	aatcaatatt	tagaaattag	tttaacgatt	1200
tactattata	cctgctagtg	atatttatgt	gatatctata	aatgaaaata	aatgcaaaat	1260
tataccaaaa	aaaaaaaa					1278

<210> 5808
 <211> 826
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (440)...(743)
 <223> similar to gi3041844 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 5808

tttcggggccc	ggaaagattt	aagtttcgtg	aatgcatacg	caagactcgg	aggtagttcc	60
ggttccggcg	tggccacttt	cgttggtggt	gttcagttgt	ggcggttgct	ggtcagtaac	120
agccaagatg	ctgcggaatc	tgctggtgag	gagcttctca	tcttgcatcc	atgatggggg	180
cgagggagtg	gagaggaggc	tgaggcacca	cgacagaaaa	ccctcacctg	ggaggggtgc	240

cgaaggcggc	taatgaagtc	accttgattc	gtgtcctttt	tccctgacct	tactttccct	300
tccgtctatt	cctctcgccc	caggccgtta	ctgggtagat	gtaaggagtg	gagaggcagg	360
ggaagtgacc	agagactcgt	gggttagacc	cgtcttgggt	tcttagtcac	cacctctaac	420
cctgtcggtc	attgatgagg	ctcttcgtca	gattgggcag	aggacgataa	gcactgcttc	480
ccgcaggcat	tttaaaaata	aagttccgga	gaagcaaaaa	ctgttccagg	aggatgatga	540
aattccactg	tatctaaagg	gtggggtagc	tgatgccctc	ctgtatagag	ccaccatgat	600
tcttacagtt	ggtggaacag	catatgccat	atatgagctg	gctgtggctt	catttcccaa	660
gaagcaggag	tgacttcagt	catcccagca	atcgcttggg	tcagtttcat	tcagctctct	720
atggaccagt	aatctgataa	ataaccgagc	tcttcttttg	ggatcaatat	ttattgactt	780
gtagtaactg	ccaccaataa	agcagtcctt	accatgaaaa	aaaaaa		826

<210> 5809

<211> 2568

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (317)...(2182)

<223> similar to gi4680645 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 5809

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ttgggtcgcg	gtttccttca	ccaagcagca	atttccggtg	gcacgggtga	gcagtgcagc	180
cgcggcgccc	cggactccgc	acttcgacgt	gatagtcatt	ggtggaggac	atgccgggac	240
tgaggcagcc	accgccgcgc	ctcgggtcgg	ctctcggact	ctgctcctca	ctcaccgcgt	300
ggacacgata	ggtcagatgt	catgtaatcc	ttccttttgg	ggcatcggaa	agggacattt	360
aatgagggaa	gtagatgcct	tggatggcct	gtgttctcgc	atctgtgacc	agtctggtgt	420
acattataaa	gtattaaacc	ggcgtaaggg	accagctgtg	tgggggtctga	gagctcagat	480
tgataggaaa	ctctataaac	agaacatgca	gaaagaaatc	ttgaatacac	cactgcttac	540
tgttcaggag	ggagctgtag	aagatcttat	tcttacagaa	ccagagcctg	aacacactgg	600
gaaatgccgt	gtcagtgagg	ttgttttggg	ggatggaagc	acagtatatg	cagagagtgt	660
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agcaggacgt	ttaggggatc	agccttctat	aggattggct	cagacactgg	agaagttagg	780
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tttcagtatt	ctaaacaagc	atataccgga	caatccatcc	ataccattca	gctttaccaa	900
tgagacagta	tggattaagc	cagaagatca	gctgccatgt	tacttgactc	acaccaaccc	960
tagagtggat	gagattgtcc	ttaagaacct	tcaacttaat	agtcagtgtt	aagaaacgac	1020
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atctatgacg	ctaccagctg	agttacaaga	gaaaatgata	acatgcatca	gaggcttggg	1200
gaaagctaaa	gtgattcagc	caggctacgg	tgttcagtat	gattacttag	atccccgtca	1260
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tttaccagcc	gagtagagtt	ccgtttgtca	ctgcgccttg	ataatgctga	cagccggctc	1560
acactgcgag	ggtataaaga	cgctggctgt	gtgtcccaac	aacgatatga	aagagcttgt	1620

SECRET

<400> 5810

4352


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<210> 5812
<211> 3881
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(3882)
<223> n = a,t,c or g

<220>
<221> misc_feature
<222> (3807)...(195)
<223> similar to gi36122 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

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<400> 5812
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atcattaaac aaataaaata ctttttatca caacacagta catatttggtc atttttaaaa      120
agccacacaa tagaaacaag acaccaagat atttaaatta tcttcgttga ctccccccng      180
taaaaatagc taaacactca tcattcgcgg tgcaattact cataggacat aagttccttg      240
aaacaatagt ttggcatgcg taagggcatt cgcacccaaa ggaaatctgg ggttttattg      300
cgggcagccc ctggcatttc atatggtatg gggccccggg tgttgggcca atcgccatta      360
attccacaaa ggattggcaa agcatggaac ctggatatgg ggttctggat ggcctccaaa      420
ccaatccttt tccccttaaa aactggggct ggtccatgg gggcaatctg gacaatctcg      480
ttcccatttc ttcaaaaacg caggccacca ttcgggagaa ctaccctcca tggggctggt      540
ctattgaggg attggaatag gtccccctta gcacgaagag tgaaccttat ccatcccacc      600
atatgcttca aacgctggtg ataagtgggg cccaataaaa aatcgggatg ggatttttcc      660
gaccagtga acccattgta cagggaacct catttcctc ctgaagagga tagcccataa      720
tccaggataa aaagattagg aaaccttcct gccacgttaa acagcatcca ttaaaatgga      780
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aattaagtga cccaatagtc atacggagag gggatgggca tggggattga tgatgatata      900
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tacccttttg accatgtcga ctagcaaatt tgtctccaat ctgtggaatc ctaacagagc     1020
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acaatgcccg tctcgctagt tctgagaaaa gtgctacagt ctcttcttgg tatagcggtc     1140
tattggtgct ctcccaaatt catcttcatt ttccaggcaa ggtgactggt ttgcctataa     1200
taacatcatc tctgataacc acgaaccccc tgggagctat caaaacccnat catcatccag     1260
cttgtcgtaa atggcatgcg cgtcntgccc tggcatggtt cacgtgtagg cttctcaaaa     1320
acttcttctt gatcaaatcc ttttttagac tctgttctt tgtatgagcg atagaaaaca     1380
gacctgaaga agccgcggtc ctacagctga acgattcatg ataacagagt cttccctgat     1440
tatatcccag tgtatgatgc aatggccaca attgagttga tgacctgctgg cagctctcta     1500
aatcgtagat attccataga ccgtgtagtc acaagtggct tttgaggata atagagaaca     1560
tgggccaatg tgtccatgcg aacatggaag ttggtgatgt aaactcccat agcctgctta     1620
cccatagcag actggtatgt gtttctaggg gactggttat gatcaggaaa gggaataata     1680
gatgcacaga caccaaggat cattgaggga tgaatctcac agtgtgtata tgtggaacaa     1740
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tccagggtat caatatactc cactacccca ctggccacaa gatcctgcca actatagttg     1860
ttatattctc tctctttcaa ttggtcaata tgcctcttct tcaaaagtag cttttgtttt     1920
tccacaatca gaagtgggtc acaaatacgg cctgcatccg tatagatccg aatctccctc     1980
tctcgaatat ctctgatcat agaaacttca gacacaatga tgtccatctg acgtctcaat     2040

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```

ttccttaggg tgttcataag ttgttcggga tctttatgta ttccaaccca gcagccatta 2100
acaaaaatct tgggtgcatc agcaatagct gcaggagaaa tttcttctaa attttccata 2160
ctccattctt ctaaaaattc cagaattgga gatggttgag atccaactga aatatacgcc 2220
atcaaggcta aattcttcac aagtcctaca gcatggccct ctgggggtctc ggaggagacac 2280
accattcccc acaacgtatt atgcaactgt cttgggtttg ctagcttgcc gtctctacca 2340
ataggagaat ttaaacgcag cagggtgagaa agagtagacg caaaagtcag gcggtttaac 2400
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gctaaagagt attttaggcc atcagatatg atccgtgttt taattgcca ctccaagtta 2520
aaatcctttc ctcgatcaat aaatttctgt gcatagatcc gcacttcttt aagcaaatc 2580
ttaaacatac ctctaaataa gaatgcaagc agcggccag caagatccaa tctcttgttt 2640
ccatagtgat ctctgtcatc tagttctctt ctacccaaag ctgccagaag taacctatga 2700
accatgtatc ccaagaaata ggcttttttg gtctcacaaa aatcactgac accaacatga 2760
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atgggaactt cttgcttgat atatggtaga gttgccacaa tgcgctgacc aatagcactc 3060
ttcttggcac cctgtcctcc tcttgccagc atgctaacc atatagtact ggtgggtcgg 3120
gaagaattct caagacatga tctacactct cctgtgtagg cataatttaga atcctttttg 3180
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ccattaataa tgaaatagcc accaggatcc aaagggcatt catttaactc acaaagatca 3300
cgatctgtca agccattcaa aaggcagtaa gttgaccgca acataattgg aatttttctt 3360
ataaaaagttt tctgatgctg agtctgaagt tgttcttcac cttctttaat gactgttttt 3420
gttatatcaa cataaagcgg agcagaatac gtgagattcc ttaatctagc ttcatgggc 3480
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acaatccagc atgcttcttg ccacaaatcc ggggtgattt catcatcatc ctcatcatat 3780
tgcatacct catccgcgtc gtacatattg ccaaacggtt ctcgagctcc taactcttga 3840
aatcaaaaaga caaaaaccgc ccagaagcca gcagcgccag g 3881

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<210> 5813

<211> 1678

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (305)...(1190)

<223> similar to gi4929603 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 5813

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gccggcgcca ggcgagactc gggagcgtga gccggggccc tggggcgccg ccgtccttct 120
tcgccccggc gccgggggct agtagccatg gtccccgctc ctctgtcggg ccagtctgca 180
ggcggagaga gtcggacggc gcccgagcgg cggatctcgc cttgtggagg acagcgctc 240
ggctgcggtt ctctctcgac cccttctgcc cggcgcttcg gcccgggccg ctgaggtgca 300
gagcatgaat aatctttcat ttagtgagct atgttgccct ttctgctgtc caccttgtcc 360

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aggggaagatt gcttcaaaat tagcgttttt gccacctgat ccaacttaca cactgatgtg 420
tgatgaaagc ggaagccgtt ggactttaca tctgtctgaa cgagcagact ggcagtattc 480
ttctagagaa aaagatgcta ttgagtgttt catgactaga accagtaaag gcaacagaat 540
tgcttgtatg tttgtacgtt gttcacccaa tgcgaaatac actttactct tctcacatgg 600
aaatgctgta tgatcttgga caaatgagca gctttttacat aggactagga tcacggatta 660
attgtaatat atttcatat gattattctg gatatgggtgc cagttccggg aaaccacag 720
agaagaacct ctatgcagac attgaagctg cttggcttgc tcttaggaca agatatggca 780
ttcgccctga aaaagtggat taaatatggc caaagtatag gggcagtacc cgtctgtgga 840
tcttgctgct cgatatgaga gtgctggcgg taattcttca atcccctctg acttcgggaa 900
tgcgagttgc ctttcctgga taccaaggaa gacctactgt cttgcatgca ttcccaaaca 960
ttggacaaaa tctcttaagg ataacctctt ccagttattt aattaatttc atggggactt 1020
gaaggatgaa gtcctttgga ctttttcaca tgggcctcgc atttgtttgg aacgttggcc 1080
caaagacctg tggagcctct ctgggttgaa ggagcaggtc acaatgatgt ggaactttat 1140
ggacagtatc ttgaaagggt gaaacagttt gtgtcacagg aactggtaaa tttgtaaaat 1200
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cataaaacct gaaggttttg tttgcaaatac atgtcagttg ccttcataaa tgtacaggta 1320
atgatttggt aacagactta atgaagggtt taattaccag aactaaaaac tggaaataac 1380
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agatgagtac tgtatgagat tttgattcta taaaatcaaa tgctgtaaaa gtattgcca 1500
atgcttttgc atactagaga cagatttata aatatttttg agacatctca atatattaga 1560
tcttatcctg gaatacaact gtgcataatt tgagagaagc tatgtatctg caggcacttt 1620
cagtactcat aatggaatga actctaaaag cagatttgac accatgcgag ttcactag 1678

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<210> 5814

<211> 2007

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (416)...(1792)

<223> similar to gi3327974 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 5814

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atcgatggac gcattcagaa ggtaatcttc agcaagtact gcaactccag cgacatcatg 120
gacctgttct gcatcgccac cggcctgcct cggaaacagc ccatctccct gctgaccacc 180
gacgacgcca tgggtctccat cgaccccacc atgcccgcga attcagaacg cactccgtac 240
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ccccggaggg aaggagcatt tgaaagtggc caggtagagc ccaggcccag agagcccag 420
ggctgctacc aggaaggcca gcgcacccct ccagagagag aagaattaat ccagagcgtg 480
ctggcgcagg ttgcagagca gttctcaaga gcattcaaaa tcaatgaact gaaagctgaa 540
gttgcaaata acttggctgt cctagagaaa cgcgtggaat tggaggact aaaagtgggt 600
gagattgaga aatgcaagag tgacattaag aagatgaggg aggagctggc ggccagaagc 660
agcaggacca actgcccctg taagtacagt tttttggata accacaagaa gttgactcct 720
cgacgcgatg ttcccactta cccaagtac ctgctctctc cagagacat cgaggccctg 780
cggaagccga cctttgacgt ctggctttgg gagcccaatg agatgctgag ctgcctggag 840
cacatgtacc acgacctcgg gctggtcagg gacttcagca tcaaccctgt caccctcagg 900

```


aggtggctgt	tctgtgtcca	cgacaactac	agaaacaacc	ccttccacaa	cttccggcac	960
tgcttctgcy	tggcccagat	gatgtacagc	atggtctggc	tctgcagtct	ccaggagaag	1020
ttctcacaaa	cggatatcct	gacctaata	acagcggcca	tctgccacga	tctggaccat	1080
cccggctaca	acaacacgta	ccagatcaat	gccgcacag	agttggcggg	ccgctacaat	1140
gacatctcac	cgctggagaa	ccaccactgc	gccgtggcct	tccagatcct	cgccgagcct	1200
gagtgcaaca	tcttctccaa	catcccacct	gatgggttca	agcagatccg	acaggggaatg	1260
atcacattaa	tcttggccac	tgacatggca	agacatgcag	aaattatgga	ttctttcaaa	1320
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ttgataaaat	gctgtgatat	ctctaacgag	gtccgtccaa	tggaagtcgc	agagccttgg	1440
gtggactgtt	tattagagga	atattttatg	cagagcgacc	gtgagaagtc	agaaggcctt	1500
cccgtggccc	cgttcatgga	ccgagacaaa	gtgaccaagg	ccacagccca	gattgggttc	1560
atcaagtttg	tccatgatcc	aatgtttgaa	acagtgaaca	agctcttccc	catggttgag	1620
gagatcatgc	tgcagccact	ttgggaatcc	cgagatcgct	acgaggagct	gaagcggata	1680
gatgacgcca	tgaaagagtt	acagaagaag	actgacagct	tgacgtctgg	ggccaccgag	1740
aagtccagag	agagaagcag	agatgtgaaa	aacagtgaag	gagactgtgc	ctgaggaaag	1800
cggggggcgt	ggctgcagtt	ctggacgggc	tggccgagct	gcgcgggatc	cttgtgcagg	1860
gaagagctgc	cctgggcacc	tggcaccaca	agaccatgtt	ttctaagaac	cattttgttc	1920
actgatacaa	aaaaaaaaaa	aggaattcat	gatgctgtac	agaattttat	ttttaaaactg	1980
tcttttaaat	aatatattct	tatacgg				2007

```

<210> 5815
<211> 443
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (364)...(10)
<223> similar to gil712 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

<400> 5815	
agggtatgag	ttttgtactt ctttcataag tttattccta atcatgttat tatttttgat 60
agtattgtaa	atgaaattat cttaatttca tatttggatt gttcattcca agtatataga 120
aatacaactg	atttttgtat attgatcttg tactctgcaa cctgctgaac ttatttgttc 180
caatagtatt	ttaatgaatt ccttaggatt ttctacatag aaaatcgtat catctgtaca 240
tagagatagt	tttccttctt ccttcctaata ttagataact attattattg tcatcgagat 300
cttgcttaat	tgccctgact agaacctctg gtacaatgtt gaatagaagt agcaagaatg 360
gataccttgt	cttgttcctg gtcttagggg aaaagcatct agtctttcac cattaataat 420
gttgtcagct	ttggttttct ata 443

```

<210> 5816
<211> 2756
<212> DNA
<213> Homo sapiens

```

<220>
 <221> misc_feature
 <222> (1464)...(2694)
 <223> similar to gil262433 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 5816

ttcatattaa	aaaaatagct	ggtaaatctt	tctaggtagt	aacttatcca	aacaatactt	60
tgagtatcat	attttgtgaa	tgacttgctt	aaactgggaa	actgaatatt	ctttttaaat	120
catataattc	ctgtattaaa	tgtgaaacac	acagtctcca	aagtcacctg	attctctgtg	180
gaaaatgaaa	ggcattgaag	gaaaccagat	acattaatac	ttagttttgg	ttgaaagtgc	240
aacattactg	tacttagaag	gggcttggtt	tatttttaga	tatttaagct	atcattaatt	300
ttagaccaat	ggctaataat	aagagagatt	tttggttgct	catttatgga	gagacaaaga	360
acagcatggc	ataaacaac	atcccagaaa	taaatgaaaa	gttttaagt	ataaaattgt	420
gttttctatg	aaccagtgtt	gtacatgaac	caacattgtg	tttcttagct	ctgacctgta	480
cagtgaagta	cctgtcagga	cccctagtct	tggcactgga	aatgacaaag	ttctcctatt	540
actaaattct	catgccttcc	cttttctgac	ttaagtagat	tgaattggt	aggtacccaa	600
tgatttatgt	ttgataaact	taagttctgc	tgatatcctg	ttactggtaa	ttctggtacc	660
aaaatttcaa	acggtttgat	tattagtagc	attttgagta	cctaggtgca	tataatacag	720
ttagcagacc	cttacagagt	caaaagagat	tttggaatct	ggtgatactg	ttgtttatta	780
cactagccta	ttacattttc	tttctttata	ataactgttt	atgtgagttt	cattgaaaat	840
cgtggctcta	ttgctttatt	catggtttcc	acaactcttt	ttgtaacacc	ttaattttct	900
ctcttaggta	ttttcctgtt	aaataagata	tcaaaagcat	caatcacaag	acagagaaaa	960
cgtattagga	aaaacttgta	ttagtatat	ctaaactgaa	atggaaaaaac	tcattattca	1020
tattttaata	aataaaactc	ccaaatgatc	ttgctaaatt	atcccactat	ttagaagtag	1080
aaaataagag	aagagtgtct	tcaaggaaat	ttgtcatatt	ctcccttcta	tctagaagtt	1140
gacaatgaat	tgcaataaaa	ctaagaaata	actgaatgct	gaaaaatacc	atgaattaat	1200
gttatggctt	ctttattttt	gtatatccat	tcccacaaaa	ttgaatttaa	gattattaat	1260
gaaaattcta	tattaagtaa	taatgcttgt	attagtaatg	ggcaaagaag	tctttctttg	1320
ttacattaac	cgttagtaaa	agatgtactt	tgacatttct	gatgtaaaac	ctatatgtaa	1380
atattgtaat	ttaaatatga	ttggacagct	gttaagtttt	ggggagggaa	gcagatgcca	1440
gcgttctctg	ctgaaaagac	aagatggcgc	ttgacggacc	acagcagatg	gagctggagg	1500
aggaaaaggc	aggcagtgga	ctctgccagt	attatctgtc	caagattgaa	gaactccagg	1560
gtcaactgca	atataaattg	gatgggggaa	agccacaagg	aacagttctg	aactccagggt	1620
gcatttgcag	ctgattttga	atgataagac	ccaaaacctc	tggaggcggc	aggtgcacgg	1680
gaatgaacta	aatgttaaag	tgtgcctatt	acaggaggag	ctacagctgc	tgcaggaata	1740
ggactcctgt	gtcaggggaa	tagtccaggc	catgggtaag	aagaaagtgt	tgggtcaagggt	1800
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accaggttcc	ttggtgggtt	taagaaatga	cagctacact	ttgcacaaga	tcctacccaa	1920
caaggtggac	tcattgggtg	cactgatgat	ggtgaagaaa	gtaccagatt	cagcttatga	1980
aatgattggt	agactggata	ggcagatcaa	gaagatcaaa	gaagtgatcg	acctgcctgc	2040
taagcatccc	gagctcttca	aagcactggg	cattgcacag	cccaagggaa	tgctgcttgg	2100
aagagactgt	tggcctgggc	tctggctcat	catagggact	gtgtaccttt	attcatgtct	2160
ctggctctga	attggtacag	aaattcattg	gggaatttct	gtgatggcag	agaaaatgct	2220
catctgtcat	cttcatggat	gaaattgact	cttttggctc	ctcagagctg	gagggggatg	2280
ctggagggaa	cctgaagtg	cagcagatga	tgtctcgagg	gtggctttga	ggccaccaag	2340
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cccagggcac	attgacagaa	aaattgaatt	cccaacctgc	aatgagtagg	cctggctggt	2460
cactttgaag	attcatttct	agaaatgaac	ctgaccagg	ggatcaacct	gagaaaaatt	2520
gctgagctta	tgccaggagc	atcaggctga	agtgaagggc	atgtgcacag	aaaccggcat	2580
gtatgccctg	agtagcgagt	ccatgtcact	cagaaggact	ttgaggtagt	ccaaagtcct	2640
atctcatgcc	aaaggacagt	gaggaaaaac	atgtccatca	agaaactatg	gaattgaggg	2700
cacatccttt	gtgtgtatcc	ctacaataaa	actcagtggg	acaagcaaaa	aaaaaa	2756

0540333.013100

<210> 5817
 <211> 2356
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (393)...(1989)
 <223> similar to gi4928697 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 5817

tttaccggct	cgacgatttc	gtcccaggca	ccgcaccggg	cagtctccgg	atctgccgtt	60
ctgccccggc	ccggaacc	cggcgccttc	caggcccttc	gaaagatgga	ttctgttgac	120
gtatctggcg	gccctggcga	gcctgggtga	aagttgggtt	ttgccagatt	gcgccgggct	180
cctctttgtg	acgcgcggcc	agccccgc	ctcccccgga	gccggatggc	catgaaatca	240
catctcagca	catgcctttg	actctggatt	gcacatgtat	tcattagctg	aagcccaatt	300
ttaaaatcca	atcaactcta	tgattccttg	aaatgactgc	aaatcaagtc	acatccagtg	360
ctcctcaggc	caagtggcat	cagagctgag	tgatggacga	cctgcagtc	cagaacctct	420
ccatggacat	gactgactcc	cctcctgcct	tggttaataa	cagactggag	aatggcatgg	480
ctcagctgat	caccaccgag	gcctggaaca	tcaactccac	tgacctggt	aagaaggccc	540
tggtgaccgt	gccagcccca	tccattctga	acccccctgc	cgagtctcag	agtggcatgg	600
ctctgaaggt	ggcggccact	gtgttgacgc	cctgtgcct	cggggagagc	ccagtgggtga	660
tgcccattca	catgcagggtg	gagggaaagt	ccgcaccaga	gctcaatccg	aatggcaatg	720
ccacctacgt	catgaccacc	cagggccccg	tgcaactgcc	cgtgggtgctg	gagcagcacg	780
tctttcagca	cctcaactcc	cctctggtcc	tgccgcagga	ggccccatgc	tcctccagta	840
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acctgaggat	ccccagccag	ccgcaggagc	ccactttgcc	atttgaagct	gtgctccaga	960
atgtgtttcc	ctcccagggc	actctcgggc	ccccaccctg	tcagcctcct	cctggctatg	1020
cccctgtgcc	cccacagcct	tttagctccc	ccttgtcccc	cctggtccca	ccagccaccc	1080
tcttggtgcc	gtatcctgta	atcgtccct	tgctgtgcc	agtccttatt	cccatcccca	1140
tcccgggtgcc	tcagagttct	gaatccaagt	tcagctccag	tttccccaag	ccaccatctt	1200
ccttcggcct	gcaccctttt	aaaggcacc	agaccctct	ggaaaagat	gaactgaagc	1260
cctttgacat	cctccagcct	aaggagtact	tccagctcag	ccgccacacg	gtcattaaga	1320
tgggaagtga	gaacgaggcc	ctggatctct	ccatgaagtc	agtgccctgg	ctcaaggctg	1380
gtgaagtcag	tcccccaatc	ttccaggaag	atgcagccct	agacctgtca	gtggcagccc	1440
accggaatc	cgagcctccc	cctgagacac	tgtatgacag	tggtgcatca	gtggacagct	1500
caggtcacac	agtgatggag	aaacttccca	gtggcatgga	aatttctttt	gccccctgcca	1560
agtcctcaga	ggccccagcc	atgatggata	gtcacatcag	cagcagtgat	gctgctaccg	1620
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tggtgggcga	gtcccaggcg	gccaaagtca	ttgtctctgt	cgaagatgct	gtgcctacca	1740
tattctgtgg	caagatcaaa	ggcctctcag	gggtgtccac	caaaaacttc	tccttcaaaa	1800
gagaagactc	cgtgcttcag	ggctatgaca	tcaacagcca	aggggaagag	tccatgggaa	1860
atgcagagcc	ccttagggaa	accccatcaa	aaaccggagc	ataaaggtta	aaggaaagtg	1920
aactcccagg	aaataaccaca	tgctcccaat	caaaaaacaa	cggctggcca	ccttttttcc	1980
aagaaagtaa	ataacggctt	tttaaaattt	gtatgattat	aatatgggga	aaggtgcatt	2040
ggttttataa	aaaggcattt	aaaacaaatt	atctttgtta	attatttttg	ggagtagttg	2100
ggaaatggaa	aggtgaattg	gctctagagg	ccctgtatgc	tagtatcatt	ttctttttta	2160
atttttgact	tttcacaaat	gagtaaataa	gagcaacct	tttttcaagc	agattgcaca	2220
ttttttgcag	ctttaatgga	atattgggtg	aattagaggg	gtaaaaaagc	tattttcatt	2280

gccacaaagt gctttgatga tgtaatacct aataaagggt aggatgaata tttcacaata 2340
aatgtttgtt tgcact 2356

<210> 5818
<211> 1928
<212> DNA
<213> Homo sapiens

<220>
<221> misc feature
<222> (1393)...(1106)
<223> similar to gi4455160 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 5818
gcggccgcgc ggcctcccgc gcgggcctac agccatgtcc cgggacccgc ggtcgggcgc 60
ctgggaggag gccccgcgcg cagctgccgc gctctgcacc ctgtaccacg aggccggaca 120
gcggctgcgc cgctgcagg accagctcgc tgcccgcgac gccctcatcg ctgcctccg 180
cgccgcctg gccgcgctgg agggggacgc cgcgccgtcc ctagtggacg cgctgctgga 240
gcaggttgcg cgcttccggg agcagctgcg aaggcaggag ggcggcgcgc ccgaggccca 300
gatgcgccag gaaaattgag aggctgactg agcgactaga agaaaaagag agggagatgc 360
agcagctgct gagccagccc caacacgagc gagagaagga agtcgtcctg ctacggagga 420
gcatggcaga aggggagcgc gcccgggccg ccagtgcgt cctgtgccgc tccttggcca 480
acgagaccca tcagctgcgg aggacgctga ccgccaccgc ccacatgtgt cagcatctgg 540
ccaagtgtct ggatgaacga cagcatgcac aaagggaatgt gggggagaga agtcctgacc 600
agtcggaaca cacagatggg cacacctctg tccagagtgt tattgagaag ttgcaggaag 660
aaaatcgact gttaaaacag aaggctgactc acgttgaaga cctcaatgcc aagtggcagc 720
gctacaacgc cagcagggac gaatacgtga gggggctcca tgcgcagctc agggggctgc 780
agatcccca cgagcccgag ctgatgagga aggagatctc ccggtcaac agacagttgg 840
aagagaaaat aaatgactgt gccgaagtga agcaggagct ggcggcctcc aggacggccc 900
gggatgctgc gttggagcgc gtgcagatgc tggaaacagca gattctcgct tacaaggatg 960
acttcatgtc agaaagggcc gatcggaac gggctcaaag taggattcaa gaactggagg 1020
aaaaggctgc ctctttgctg caccaggtgt cctggagaca ggattctcga gagccagacg 1080
ccggccggat tcacgctggg agcaaaactg ccaagtatct ggccgcccgc gcattagagc 1140
ttatggtgcc tgggtgctgg aggcctggga ctgggtccca gcagccagaa cccctgcag 1200
agggcgggca tcctggcgcg gccagagag gccaggggga ccttcagtgc cctcactgcc 1260
tgcagtgctt cagtgcagc caaggggaag agctcctcag gcatgtggcc gagtgtgcc 1320
agtgaccgag actcaccgct gcccttgcgc cctcctggcc cgggtgcagct gccctcaggg 1380
acaggggtgg tgctctcaga tgccatgggt tgagctctac tgagagcaa ggcccctaga 1440
atagttgcgg ggcactctga tcgttcactt tggctccctt ggctatggaa caggctgggt 1500
cacagggaac tgccagtgcg gctggaggct ggaggtggag atggggtcag gaacatctgg 1560
cagagggagg tcccagtctg tgtctccatc aggccttaagc cagagctatc tgggtgctgg 1620
gtgccagccc ctccccagc ctgcctagaa aggggtggct gcctgaggga gtcacttgta 1680
tgggtccccag ggtgggagcc ccatcctgtt ctatggaata aagcgtcgcc tctctgcctc 1740
gaaccagtca aatggagtat tgcgctgca cgtcacacta ggggtggcac ccccgccatt 1800
gcgagccaca tgtctgcact gagaaactgc atttcagtag catttgctcat ccagccgga 1860
gttaaagcac acttacttta ttcacctatt ttataataa acgttcttgc tgctgtgaaa 1920
aaaaaaaa 1928

<210> 5819
 <211> 465
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(466)
 <223> n = a,t,c or g

<220>
 <221> misc_feature
 <222> (77)...(436)
 <223> similar to gi3170965 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 5819
 nttgttgacg tccctagtcc agngcgggtg aattcatccc tcccctacag aagccccccag 60
 agcgcagcac ctccaccatgg actgcacctg gaggatcctc ttcttggtgg cagcagctac 120
 aggcacccac gccacaggtcc agttgttaca gtctgggtct gaggtgaaga agcctggggc 180
 ctcaagtgat gtctcctgct acgtttccgg atacaccctc actaaattat ccatgcactg 240
 ggtgcgacag gctcctggaa aagggtctga gttaaattgga ccttttgatc ttcaagatgt 300
 tgaaacaatc tatccccaga agttccaggg cagagtcagc atgaccgagg agacatctac 360
 agagacaacc caacctacct ggagttgagc agcctgagat ctgaggacac ggccgtgcat 420
 cactgtgcaa cagacacagt gtgaaatccc ccagcctgag agcgt 465

<210> 5820
 <211> 1605
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (800)...(1430)
 <223> similar to gi2828151 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 5820
 aatacaaaag ttagccgggc atggtggcac gtgccttttg tcccagctgc tcgggaggct 60
 gaggcaggag aattgcttga acccgggagg cggagggttg agtgagttga gatcgcgcta 120
 ctgcactcca gtctgggcga cagagcaaga ctccctttcc aaaaacaagc aaatgaaaaa 180
 atagagtttt ctctatcaca caaatgggaa ggtttgtatt gaatgttata tttatcctct 240
 atccagtctt gtcttgagc acaaagcaaa aaggcccagc atcctccact atcttctgaa 300
 aacttgccct caggcctgag caagagggct gcccggttgc ttccatgtag ccagccagca 360

tatgtgcagg	gccaaagtcta	gagggaggag	ggggtggcac	atggatggtt	tcgtttaatt	420
ggaagacagt	gggtagattg	gagctggcat	ttgaagatgt	tgagagttgt	ggatcatggg	480
caagaaaagc	gctgttcttg	gactgcgggg	caggagaagg	aaactgatgc	ttctgagggg	540
gagtctgatg	agataacatg	cctgtgtgtg	ggcctcaggt	tagacagtgc	tgaggtctcc	600
cgctactggg	catccagctg	ggtgctacgg	ccgtggctcc	tgcccttctg	agccctgtca	660
gggccaagg	ccttccccat	cagcacttgc	tccagcctac	tactggaggt	tgtgttcttg	720
gtgggtgtgt	agaatactcg	cactcctact	tggggcatca	gggagctctc	tagcaatttc	780
ttctgcacct	agggagagcc	cactgctaaa	aaaggcctag	tcaaatacctc	aggtgtacat	840
ggacatcaag	attgggaaca	agccggctgg	ctgcatccaa	accctcctgc	gttccgacgt	900
cgtgcccatg	accacagaga	atcttctcta	catgtgcacc	catttaaagg	actcggcttc	960
aagggaagca	gcttccaccg	cattatcccc	cagttcattt	gccagggcag	tgatttcaca	1020
aaccacggtg	gcaccagggg	tctgcgaggg	catggcacta	agtgtcccat	ggcacatttg	1080
gccctcatgg	aggcctcaaa	agggcaggac	cagcaccttc	ttctacggag	gaaggaaagg	1140
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aaacataagg	ctgtgcaata	ccaggaaactg	ggatttctagg	ttgccccaga	caccaaggca	1260
tcaaaagcca	ggggatccag	agaaaacaca	gacagccaag	agagaaactg	cgggaaaaag	1320
ccaaaagggt	gagagccaca	ccatctagaa	gcttcctgcc	tgtggtgcgg	cacagaaaca	1380
aggagagtca	gcaattacca	gccagccaag	gtcctggaag	ctgacgtaga	gctcgtgccg	1440
acggcagacc	tgccggccgt	gggagccgag	gacgtcatct	gcagggacag	aaggggcaag	1500
gtcttttctg	gggttctctg	tgtgtgcagc	tactatgggg	taccaggggtg	ggggatgccc	1560
tgatgagcac	atttgtcaaa	taaatgaatg	acaggaaaaa	aaaaa		1605

<210> 5821

<211> 1503

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (145)...(608)

<223> similar to gi871830 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 5821

cctggaggga	ggcaggaagg	gtggacacgc	ctgtgtgggt	gatgggcaga	ggggacctct	60
ccttcctgtc	tccctcgagc	ccggagcatc	tctccttcc	gtctccagga	ctacagtatt	120
gacgaggagg	ccgccttcca	ggctgctctg	gcccgtgtct	tctctgagaa	ctgaaggga	180
gcgcagccac	ccgcctgcgt	ctggggctcag	ggatgtcccc	gctcctgtgt	cgcacctggc	240
acctgctcgg	gagcgcacct	caccggactg	agctcacagg	aggagcctgc	acccgcgcag	300
aaggggagcc	ggggccgagc	ctccgggcct	gaatacgggc	cagccgcaga	ggccgccaga	360
gcagggccgc	ctggtcccac	cggcgctcgt	gggttcttcg	gtgcttcttg	ccgagcaggc	420
ggcctacttg	ggcagggctg	gacgctggga	cctggagctg	ccgcctctc	ttcaaagcca	480
tgataccccc	tcgtgggaag	aagggaaccga	cgcgcgagtc	gcgctccgca	gtcgagccgg	540
gaggaaccca	ggctgctgcc	ctgcccagcc	cgaccctgcc	ccggccccgc	ttccaccttg	600
cgcatttggt	actggctttt	gtgatactta	ggaaccctgg	catcttttct	atattatcca	660
gtgtgataat	cttttcacgt	tttatagagc	aaagacagag	cagttactct	tcatattgca	720
atatctgtgt	ttgactagga	ataatagtat	ttttatggaa	catttacaaa	attatatttt	780
ttaagaaaac	aatcaaaaca	agcattgggg	gattggggca	aggatggaag	gagcagtggg	840
gcagctgcc	gagctcaggc	gagccatggg	gtctgctgtg	gggtctgcc	tggccacca	900
ctgtgtgtct	gggtccttga	ggtttgtacg	tttctctttg	atgaccagga	agaaatccca	960

```
gcacccagc cacaggctgt ggctgctccc agcagaggcg gggccggcag agaagggggc 1020
tcctccaccc agagtccctgg ccttggcccc ctgtcacctt caaagctgac tgtgccccgc 1080
tgcgggaggg gacggcaccc cagtgggtggc agagcttggg ggccctgggca ggggccccgt 1140
tggcggggccg ggcaacacgt caacattctt ttctgttctt ggcattaatt attgctgtct 1200
ttttttaaaa aaaaaaagtt taaataaaat gtctcagagc atcaaaaaaa aaaaaagggg 1260
gggccctttt aaaagaaccc ttggggggggc caaatttaac ggggggttgga aaggtaaaat 1320
ttttttcttt atgggggggccc atttaaaacc ctcccttgga tttttggaaa agaaccctttt 1380
ttttgggggg ggaaaaaatt ggcccaaccc cccccaaaaa tttaaagcct taagggaata 1440
aaaaaatttt taaggggaaa aggggggaaaa acaaccggaa taccctggct gttaaaaaaa 1500
atg 1503
```

```
<210> 5822
<211> 1945
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1192)...(263)
<223> similar to gi2749982 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters
```

```
<400> 5822
tttttttttt ttatctgtat gaaatattag ttttaataaa acagaaccag tccatgtatg 60
gaggcatggg cataagggtca acttgcaact aatgtaactc gtacgttttt tctaaaataa 120
tttcttgagc attgtgggtg ccttatgtac taacccgaag ctgaacttcc tgggaagctg 180
atccaatgga gcacttgga ttcaggggtg gagtcttctt cctgggtcag agctgggttca 240
gggtcacatg ctcttgaggt ccctaaaggc cacatgtgct gcatttccgc cagcagctcc 300
catcacacct cctccaggat gagccccact tccacagaga tacaggccct ggagagggca 360
gcggtagcca gaatgcaggg gcacggggcg ggcgaagtag agctggtcca gggacatggc 420
gcagtggaat atgttccctc caggaagccc gaagattctc tccaaatctg gtggtgtgag 480
gatgtctctg ccaaccacag agtccttgaa gccaggggca tagacctcga tgcaatcaaa 540
cactgtggga aggcaggcca tccatggcat cttcaaaggc ctgatgaagg aggaggggtg 600
cttcacagtt caggtggatg gagcattggt gatggggcag cggctggccc ctgggagcat 660
tgggggcccgc caggaagctg ggcagcctgt ctacggccac ttctgaccag gctgcagggg 720
gacacaggct ggagggtccgg gaatggagat gatgactgag ttcagctgcc ccagcctgg 780
aggtttctca ctcataggg tcaaaggaga cagtgtctga atgtgggtgt cctcttacca 840
ttgatcttgg tgacaggcga ccgggtgtcc agctgagaga ttctctccag gaactcctca 900
ggaagccact cctgtggcgt cagcttcagg aaggtgatct gcggtgatgt gttggacagc 960
accattttgc ttctcacctc tgtgccatct tccagcacia ctcttgaac acagccttca 1020
ctgttcacct gcaccttcgc cactgtcttt tcagtgaaga tgcttgctcc atgtgtggtg 1080
gctgagcttg cgatcgcatc agagagggca cccatgcccc cctggacgta gccccaggcc 1140
ccctgcattc cctccaggcc ccccatcaca tgggtgcagca gcacatacct gtggacagac 1200
catccgactc agatcctgga ggtgggatct catctcccca gagttccagg tgcaactatt 1260
cctttccatc ttgatcttca gcccttccct gccaccatcc agccctctcc cagcagcctt 1320
caatgagctc aagttcttgt aagagccctt tgccctctct acaccctctc cctaacaagt 1380
gtgtctatgt gcatagctta ttaccacaaa gaaggcaacg atgccccaac ctgcagctcc 1440
agccctctcc tgagctccag ctccgggtgtc cagctacca cagatatctc cctttggacc 1500
ctttcttggc agcatcttaa acccaccacc ttttcccat tctccagctg cttcccttcc 1560
aatctttccc atcccagtga acggcacctt tcaacaggag gttctgtttc cgacagaaat 1620
```

ccagggtgtca	gccttgaccg	ctaccatcct	tccccatcta	catccacaaa	gcaacaccaa	1680
ctcagcctcc	aaagggcttt	caaggtcac	ccacctctca	gcctctcttc	tcttccttat	1740
gctgctgcag	tagtgcccct	cattggaccc	cctctccac	actttctctc	ctgcagggtct	1800
tgtccacata	tatcctggag	ccctatctta	aagcccagct	ctgctcctgc	cactcactta	1860
tcaccattcc	aagcctcccc	ggcttggcac	tgctcttagg	ataatggcca	gtcttcttagc	1920
aggcactcca	gcctcatccc	tcac				1945

```

<210> 5823
<211> 1002
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (368)...(837)
<223> similar to gi332566 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

<400> 5823						
ttttcaacct	taaaaaattt	taatggaatt	ttcttctttt	ttttttttct	ttaaataaca	60
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tcagttcaca	aaactgtcct	caggacgttg	catggaactg	gaaatgtgta	taattacaga	180
agaaaaacagg	gaggacttag	tgcagagagg	agacgagtgt	ggacgggcaa	cagcatcctt	240
agtctttcat	atttatatat	ggtatatgta	ttttctatat	atataattat	atattttaca	300
tccaggatatc	ccagtcatct	gtaccatttc	ccagggagac	atgggtgctt	ccaaggcgag	360
acaggaaagg	gttaggcagg	gaagggggcag	cgacggtgca	ggctggggct	tggctcacag	420
aagctgcagg	agcttcagcg	actgtaagag	ggccccgggc	tccgcagacg	ccaggtagctg	480
gcagcaaagc	cagtcctcca	gctccacgcc	ccgcctgcga	tccaccgcct	tctccgcaaa	540
cttcatcatc	atcaggggccc	gcttcatgtc	gatccagttg	tgcagcgtgc	cgcacagcgc	600
ctcctccgag	gtgcccggct	gctgcaccag	ctcgcgccga	ggccccca	gcaggcactg	660
cagcacgcgc	ttggcctcgc	cgatgcggat	acgcttgatg	gggtcggcct	ccagtagcag	720
atgtgccagc	tgctgcaggc	cgggtgagta	gagggacagc	gcgggcagcg	gcgggcaggtc	780
ctcctgccgg	tagtctctct	cccgcagctg	ggcgcgcacc	tccaacgggt	tgggttggtg	840
cagcagctcg	tagatgagga	tgcctgtctg	gaactcatcg	aacttgcggt	actgggaagc	900
agacacgata	tccgggggcca	gccgggcctg	gctcttcttc	tgctgcagg	ttgggggtgct	960
gcccggttc	tgcttggcct	tcaaaaagtt	gctgatgatg	ag		1002

```

<210> 5824
<211> 3270
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(3271)
<223> n = a,t,c or g

```


<220>
 <221> misc_feature
 <222> (1499)...(548)
 <223> similar to gi5420387 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 5824

ggaccgcgct	caacggcctc	ttctggttgc	tgtcttcttc	gtccctccgg	cccatgtgtc	60
ctactcacgc	gtctcacttt	atggcctatt	ttctgcatgg	atctctggca	gcctcgcttt	120
ctccctgacg	tttcagcatc	atccccagag	gagccacact	ctgacagtga	gggtgcgggg	180
tcaggcgccc	ggcgcacact	gctgagtgtg	cccagattgt	gcagatacct	ggctgagagc	240
tggctcacct	tccagattca	cctgcaggag	ctgctgcagt	acaagaggca	gaatccagct	300
cagttctgcg	ttcagagtctg	ctctggctgt	gctgtgttgg	ctgtgttggg	acactatggt	360
ccagggatta	tgatttctta	cattgtcttg	gtgagtatcc	tgctgtggcc	cctggtggtt	420
tatcatgagc	tgatccagag	gatgtacact	cgcttgagc	ccctgctcat	gcctctggac	480
tacagcatga	aggcagaagc	caatgccctg	catcacaac	acgacaagag	gaagcgtcag	540
gggaagaatg	cacccccagg	aggtgatgag	ccactggcag	agacagagag	tgaaagcgag	600
gcagagctgg	ctggcttctc	cccagtgggtg	gatgtgaaga	aaacagcatt	ggccttggcc	660
attacagact	cagagctgtc	agatgaggag	gcttctatct	tggagagtgg	tggcttctcc	720
gtatcccggg	ccacaactcc	gcagctgact	gatgtctccg	aggatttgga	ccagcagagc	780
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toggaggaag	aggaagagga	tgtggcagct	aaggaaacct	tgttgccggt	ctcatcccc	960
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ttaggtcact	gtagtctgtg	taaccttcac	tgcatccttg	ccccattcag	cccggccttt	2040
catgatgcag	gagagcaggg	atcccgcagt	acatggcgcc	agcactggag	ttggtgagca	2100
tgtgctctct	cttgagatta	ggagcttctt	tactgtctct	ctgggtgatc	caagtgtagt	2160
gggacccccct	actagggtca	ggaagtggac	actaacactc	gtgcaggtgt	tgacttgaaa	2220
aataaagtgt	tgattggcta	gaactgctgc	ctccctgact	gtgagctgcc	ttccacacc	2280
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ctacatgcta	acaactcact	cagcctggat	ttatctttac	tggggaagcc	aaacaagcaa	2640
tagaggacct	ttacctgtgt	tagaaatgag	ttggagccaa	ggaacactga	agaaatagta	2700
tcttaacagt	tactgagtcc	attgtatgtg	cttggctctg	ctctgagtga	tttatatgta	2760

094537235-012100

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taagcttcct	gaaggccaca	gggccagta	aattgtggag	ccagaacca	aaccaagaa	2880
gttttggtt	cagcaaatgc	atcacagac	ccctgtccat	taataggga	caggtaggaa	2940
gatgcacaag	gatgtgggaa	ctatagagaa	ccaatctgat	gccttggctt	aacaaagagt	3000
ggacatggca	agccttcctc	ttcggggaan	aaaagcccag	aactgagcag	atggcctcct	3060
ttatgagttc	atgtcctccg	ccttcagctg	gaggtaccat	atggcgatgc	tacctgtctt	3120
tctgctggag	gtaccatatg	gtaatgctgc	ctgtctgtct	gctggaggta	ccatatggta	3180
atgctgcctg	tctttctgag	gttgactttt	atgccatgtc	tttcctaagt	gtgtaagaat	3240
ttttctgttt	gcttcacatt	tgactgagaa				3270

```
<210> 5825
<211> 5010
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (248)...(3530)
<223> similar to gi5870866 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters
```

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attaataagt	agtgaaactg	cagacctttt	gaaagagaaa	gatgagcaga	tccgagggtt	1920
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aagaatgaaa	gttgaacaag	aaaggaagaa	agccattttt	actcaagaaa	caataaaaaga	3000
aaaggaacgc	aagccatttt	ctgtttctag	cactcccacc	atgtcacgct	caagttcaat	3060
aagtgggtgt	gatatggcag	gactacagac	atcttttctg	tctcaggatg	agtctcatga	3120
tcaactcatt	ggaccaatgc	ctatatcagc	aaatggaagc	aatctttatg	atgctgtaag	3180
gatgggagca	ggatcaagca	taattgaaaa	cctacagtct	cagctaaagc	taaggggaag	3240
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tgaagaacta	gttaaattaa	caaatcaaaa	tgatgaactt	gaagagaagg	tgaaggagat	3360
acccaaactt	agaactcagc	taagagattt	ggatcaaagg	tacaacacta	ttctgcagat	3420
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<210> 5826
 <211> 2481
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (129)...(2166)
 <223> similar to gi36439 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 5826

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gcggggccat	gcagccaacg	ctgcttctca	gcctcctggg	agccgtgggg	ctggcggtctg	180
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ttgaggtcct	ctcaaagcc	ttgtcgaagt	ccagcgctcc	acccatcacc	cctgagtgcc	300
gccaaagtct	gaagacgagt	agaaaagacg	tcaaagacaa	agagacaaact	gaaaatgaaa	360
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gcacgaggcc	cagacaccac	cacgggagga	gcaggcccga	caggtcctct	caaggaggga	1020
gtcttccctc	tgaggaaaag	ggacaccccc	aggaggaatc	tgaggagtca	aacgtcagca	1080
tggccagttt	aggggaaaag	agggaccacc	attcaacca	ctacagggct	tcagagggaag	1140
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gagccccagg	gaagtggcag	cagcagggag	acctgcagga	cactaaagaa	aacagggagg	1620
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caccacttca	ctgaaagaca	ccatttatct	acccaagggc	agaaagtaga	acttactatt	2280

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atttgagata	agttgtttga	ctccagctgt	cccctttcag	ctctaaccac	tacgaaatcg	2760
tcgacccgga	aattnnnngc	ggtcacagat	ggg			2793

<210> 5828

<211> 1711

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (359)...(1357)

<223> similar to gi642486 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 5828

ggaattccc	ggtcgacgat	ttcgtgcggt	catggaggcg	ggcgccggag	ccggcgcggg	60
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ggcttccgag	ggctgtgaga	ggaagaagg	ccaacgctgg	gggtccctgg	aacgacggg	180
gatgcaagct	atggaggggg	aggtgttact	cccagctctc	tatgaggagg	aagaggaaga	240
ggaagaggag	gaagaagagg	tgaagaaga	agaagaacaa	gtgcagaaag	gtggcagtgt	300
tggctctctg	tcagtcaaca	agcaccgggg	actgagcctc	acggagacag	agctggagga	360
gctgcgggct	caggtgctgc	agctgggtgg	agaactggag	gagaccggg	aactggcagg	420
gcagcatgag	gatgactcct	tggagctaca	ggggctcctg	gaggatgaac	ggctagccag	480
cgcccagcag	gcagaggtgt	tcaccaagca	gatccagcag	ctccaagggtg	agctgcgttc	540
tctacgggag	gagatttccc	tgttagagca	tgagaaagaa	agcgaactta	aggaaataga	600
acaggaattg	catttgcccc	aggctgagat	ccagagtctg	cggcaagcag	cagaggattc	660
cgcaactgaa	catgagagtg	acatagcatc	cctgcaggag	gatctctgcc	ggatgcagaa	720
tgaacttgaa	gacatggaac	gcattcgggg	agattatgag	atggagatcg	cctccctccg	780
tgcagaaatg	gaaatgaaga	gctctgaacc	atccggtagt	ttaggtctct	cagattactc	840
tgggttacaa	gaagaactgc	aggagctgcg	ggaacgctac	catttcctga	atgaggaata	900
ccgggcccctg	caggagagca	acagcagcct	cacggggcag	cttgacagatc	tggagagtga	960
gaggacacag	agagcaacag	agagatggct	gcagtcccaa	acactgagta	tgacgtcagc	1020
agagtctcag	acttcagaaa	tggatttctt	agagcctgat	cctgaaatgc	agttgttacg	1080

gcagcagcta	cgggatgctg	aagagcagat	gcatggcatg	aagaacaagt	gtcaggaatt	1140
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gctgcagagg	gagctcaagt	gtgctcagaa	tgagggtgctt	cggtttcaga	cctcccacag	1260
tgtcacccag	tcatccccta	cccccaatcc	ccccatcttc	tccttgccctc	ttgtaggccc	1320
tggtggtcat	ctcggtctttg	ctctggtgct	ggtgggctga	gacgtcgtcc	taatgcagaa	1380
catgtttggg	ttgtggaagc	ctatggtatt	cttggctatt	gcagctgtgg	ctctgtatgt	1440
gttacccaac	atgcgcagac	aggagtcaga	gttctgcctc	atggagtgat	ggcagacctt	1500
ggccagcgcg	agggcagatc	cccagtggcc	accaccctca	gcttttgggca	ggacacactg	1560
tgccagaacc	ctccccatat	gttccatgtg	tccccatctc	ctcagccctc	agtcacccag	1620
gctgaaaagg	cttgtgggga	gcggctgact	tccatctcct	gccttgtgta	agaacctgag	1680
ttcccttgta	attaaatatc	aactgaatta	c			1711

<210> 5829

<211> 925

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (79)...(777)

<223> similar to gi3128208 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 5829

tttcgtgggt	actggggcgt	gcgtgaggcg	tttactgatg	cttcctggtc	cggtggcctc	60
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ttcttccgca	acaacttcgg	agtccgcgag	ccgtaccaga	tcctgctgga	cggcaccttc	180
tgtcaggcgg	cgtgcgggg	ccgcattccag	ctgcgggagc	agctgccccg	ctacctcatg	240
ggggagacgc	agctgtgcac	cacaagatgt	gtgttaaaag	agctagaaac	attgggaaag	300
gacttatatg	gggcaaaact	gattgcacaa	aaatgccaaag	ttcgaaattg	tcctcatttc	360
aagaatgcag	tgagtggatc	agaatgtctg	ctttccatgg	ttgaagaggg	aaatcctcat	420
cattattttg	tggcaacaca	ggatcagaat	ttgtctgtga	aagtaaaaaa	gaagcctgga	480
gttcctctca	tgtttattat	tcagaacact	atggtttttg	acaaaccttc	tcccaaaaca	540
attgcctttg	taaaagcagt	ggagtcagggt	cagcttgtct	cagtgcattga	gaaagaaagt	600
atcaaacatc	tcaaagagga	acagggttta	gtgaaaaaca	ctgaacagag	gtagaagaaa	660
aaagcgcaag	aaaataagtg	gtcccaatcc	tcttagttgt	ttgaagaaaa	agaaaaaggc	720
accggacaca	caatcatctg	cttctgaaaa	gaaaagaaaa	agaaaaagaa	ttcggaacag	780
atctaaccac	aaagtacttt	ctgagaagca	gaatgcagaa	ggagaatgaa	tccttttgat	840
actttcaagg	acattcaaat	gtgaaaatga	atTTTTTaca	actagaagta	tttataataa	900
aagaccaaac	ttatttttgt	aatg				925

<210> 5830

<211> 2129

<212> DNA

<213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1983)...(1659)
 <223> similar to gi2887314 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 5830

tttttttttt	ttagaaaaac	atattattgta	atcgatcaca	ttcaagtcgt	agttctgaaa	60
gcaaagtga	aacacacagt	acagctatgc	ctcagtatcc	atgggggatg	ggttccagga	120
ctgcaacctc	aaccctcaga	caccgacatc	tgaggatgct	caagtccttg	atgggcaatg	180
gcatagcggt	tgacagtaac	ctacgcacac	cttcctgtat	aatttaaatac	atctctagat	240
ttcttataat	accaaataca	atataaatgc	tatgtaaata	tgctacacca	tattgttttag	300
ggaataatgg	caagaaaaaa	aggtctgtac	gtgttcagta	ccaatgcaat	ttcttttttc	360
aaatatattcc	tatccaaggc	tggttggtt	taaatgtgga	gaccacagtt	acggagagct	420
gactgtactg	gggaaatctt	tagggtagaa	acatttttta	gagatgggtt	atatcaccct	480
ccttcagaaa	gagcaataca	ggcatacctc	atcttactat	gctttgtgaa	tactgttttt	540
tttttttaaa	ttgaagggtt	gtagcagcct	ggcatcaggc	aagtctattt	ggcaccattt	600
tccaacagca	tgtgctcact	ttgcgtttct	gtgtcagcat	tttgaacagt	aaatatattt	660
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tgcagtaaac	atgacttaga	tgcactggga	aactaaaaca	atgcgcttcc	ttgctttatt	780
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tcagatggga	agagcgaggc	cctggcaggg	cgagtctagg	tgtgcagcct	agtggggggc	960
ggggctcaagt	ccactcggtg	tttgtggctt	cactcagcag	gccgcccgtc	ccctccgtgg	1020
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cagagggctg	tcatggcagg	ccagtgcaca	tgccaccaac	acatgctgct	tcatcagtaa	1380
tttctggaac	atgacactgc	acagcgtgtg	cctctccagc	gggacattac	tagtaataca	1440
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ctcttcagaa	tcacagagtc	atctaaaggg	gccccccacc	tccccggagg	tgccggcctag	1560
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acgaaggcca	tggccccctgt	gaccagggca	cccttcccag	agtgccttgac	agccgccttc	1920
atcttcctct	ccccagaaaag	ggagcacagc	agcttcatga	tgctctccac	catgatagtc	1980
atcgtggcgg	gcttgtgtga	cttcagcctc	tccatgcctc	agtttctcca	tagggacaat	2040
gactacacta	acagtgtcca	ccccggcacc	ggcagggcgg	gctcccggca	gggcggggac	2100
cctctcccca	aggcactccc	gggacgaaa				2129

<210> 5831
 <211> 901
 <212> DNA
 <213> Homo sapiens

<220>

<221> misc_feature
 <222> (22)...(592)
 <223> similar to gi1055186 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 5831

```

ggatgtcctg ctagcgctgc gatggcggag gccgagttgc gtattgacga gctgggtccgg      60
gagtacctgc tcttcgcgcg gttcacgcac aactgcggc agctggacgc cgagatcaag      120
gcggaacaagg agaaggggtt ccgggtggat aagattgttg accagctgca gcagttaatg      180
caggtgtatg acttggctgc ccttcgggat tattggagct acttgagcg tcggctcttc      240
agccgcttgg aggatataata cagacccaca atccacaagc tgaaaaccag cctgtttcga      300
ttttatcttg tctacacaat ccagacaaac agaaatgaca aggctcagga gttctttgca      360
aagcaggcca cggaactcca aaaccaggct gagtggagg attggtttgt cctgcccttc      420
ctgccatccc cggaacacaa cccacacctt gctacctact tttctcgaca gtgggctgac      480
accttcattg tgtccctgca caacttcctg agcgtcctgt ttcagtgcac gccagtcctc      540
gtgacccctg actttgatgc ggagtgtcag aggactaacc aggttcaaga agaaaatgaa      600
gttctgcgtc agaagctttt tgcattgcaa gctgaaatcc accgactgaa gaaagaggag      660
caacagccag aagaggaaga ggccttgggt caacacaaat tgctctctta tgtctccaac      720
atggaccgcc tgggggactc ggaacttgcc atggtgtgca gccaaaggaa tgcctccctc      780
tccagtcac ttcgtgtggg ctctcctgtcc tcgctgctgc ctacagagta gaagagcccc      840
tcaaggttgt cgcttgctaa ggcccttctt cacctcagag ctcgggccag aaagaagcct      900
c

```

<210> 5832
 <211> 2463
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (262)...(59)
 <223> similar to gi2465334 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 5832

```

cttcagaggc gatcaggcag catcagtcct cagccgctaa gccagaagt agtcagtcag      60
agagccttgg gccagagttc caggggctct gggagtggct accaggtgag ttgaacagtc      120
cgatttccag tggagtcttg atttgaaatt ggtgagatgt ttcttgggtt ggtcgggtatg      180
agtacatgag gtcgtaggtg gatctttctc acggaccaa gagcaggagg acaggggatt      240
gatctccgaa gggagggtccc ccaatttgag tctcggcacc aaatttcatg cacgtccatg      300
tgaagagacc accaaacagg ctttgtgtga gcaacatggc tgtttatttc acctgggtgc      360
aggcaggctg agtctgaaaa gagagtcagc gaaggagat aagggtaggg ccgttttata      420
ggatttgggt aggtaaagga aaattacagt caaagggggt taccgaagc tcggcgctccg      480
tgatggtcta gggggcttcc gaggcgatcg ggcagtgtca gtcttcagtc gctaagccga      540
gaagatctgg gaaggaattg caactttttt ttttattatt gtacaccttg aagggtgaggt      600
taattaagtc ctgttgtggg gtttgagggg aacaggccct tgaaaagaag gtaatgtgga      660
gcgggtagcc tccgtattga ttaagaaggg gacgggctta ccttccactg tgagagttac      720

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cggaagctcg	gcgtccgtga	tgggtctacgg	ggcttccgag	gcgatcgggc	agcatcagtc	780
ttcagccgct	aagccgagaa	ggagtcagtc	agagagcctt	gggccagagt	tccagggact	840
ctggagtggc	tgccaggtga	gttgaacagt	ccaatttcca	gtgggggtccc	gcacagatgg	900
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ccaaatgtgt	agttcccaga	agcctgcctc	ccagagggaa	gacagcttaa	cctgtgtggc	1260
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ggtcaatagc	cgtgtttttg	gacctgacct	ttgtccagga	agcagtaa	acctcctggg	1380
ctcctttaaa	tgccaacctc	cttcagatga	attaaaaaac	aaaaccgtgt	gtgaagacca	1440
ggagctgaaa	ctgcactgcc	atgaatccaa	gttccctaac	atctactctg	cgacctacgg	1500
caggaggacc	caggaaaggg	acatctgctc	ctccaaggca	gagcggctcc	cccctttcga	1560
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tgcttacatt	agagcccacc	cagagagagc	tgccctgctg	ttcgtgtcca	gtgtctgcat	1920
cggcctggcc	catcacactg	tgcgcctctg	tcacagagaa	gtcctgtgcc	aaggacttcc	1980
gcgacttgca	gcctggggag	ggagcagcct	ggtgccagga	agtgacaagg	tcgaggagga	2040
cagcgaggat	gaagaagagg	aggaggaccc	cctctgagtc	tgatttccca	ggggaactgt	2100
cgggggttctg	taggacttca	tatcctatat	acagttccat	agaagctgca	gagctcgag	2160
aaaggattga	gcgcagggag	caaatcattc	aggaaatatg	gatgaacagt	ggtttggaca	2220
cctcgctccc	aagaaacatg	ggccagttct	actgaaaacc	acatgcatct	tgatgcgatc	2280
gcactttctg	aagaaggaag	gatcccaaat	gcccctccag	ttctggttca	cctgtacctt	2340
ctatgaagga	gaattcgtca	tgtcattcaa	cactcgtgag	gccaggaagc	tattaaaggg	2400
atgtttcaag	ctgtttctag	cacattccaa	aataaatgag	gagggaagag	tcaaaaaaaaa	2460
aaa						2463

<210> 5833

<211> 1403

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (27)...(1269)

<223> similar to gi4321845 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 5833

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gtggctgggg	gcagagctca	gactgtcttc	tgaagattga	tgtctatttc	cttgagctct	180
ttaattttgt	tgccaatttg	gataaacatg	gcacaaatcc	agcagggagg	tccagatgaa	240
aaagaaaaga	ctaccgcact	gaaagattta	ttatctagga	tagatttgga	tgaactaatg	300
aaaaaagatg	aaccgcctct	tgattttcct	gataccctgg	aaggatttga	atatgctttt	360
aatgaaaagg	gacagttaag	acacataaaa	actgggggaa	catttgtttt	taactaccgg	420

gaagattttac	acagatggaa	ccagaaaaga	tacgaggctc	taggagagat	catcacgaag	480
tatgtatatg	agctcctgga	aaaggattgt	aatttgaaaa	aagtatctat	tccagtagat	540
gccactgaga	gtgaacccaa	gagttttatc	tttatgagtg	aggatgcttt	gacaaatcca	600
cagaaactga	tggttttaat	tcatggtagt	ggtgttgta	gggcagggca	gtgggctaga	660
agacttatta	taaatgaaga	tctggacagt	ggcacacaga	taccgtttat	taaaagagct	720
gtggctgagg	gatatggagt	aatagtacta	aatcccaatg	aaaactatat	tgaagtagaa	780
aagccgaaga	tacacgtaca	gtcatcatct	gatagttcag	atgaaccagc	agaaaaacgg	840
gaaagaaaag	ataaagtttc	taaagaaaca	aagaagcgac	gtgattttcta	tgagaagtat	900
cgtaaccccc	aaagagaaaa	agaaatgatg	caattgtata	tcagagaaaa	tggttctcct	960
gaagaacatg	caatctatgt	ttgggatcat	ttcatagctc	aggctgctgc	tgagaatgtg	1020
tttttcgttg	ctcacagcta	tggaggactt	gcttttgttg	aactgatgat	tcaacgagaa	1080
gccgatgtaa	aaaataaggt	aactgctgtg	gcattgacag	actctgttca	caatgtgtgg	1140
catcaagaag	ctggcaaaac	gattcgagaa	tggatgagag	agaactgttg	taattgggtc	1200
tctagctcag	aaccattaga	cacatcagtg	gagtcacatg	tacctgattg	cccccggtc	1260
tcagcaggca	ccgaccgtca	cgagctaact	tcctggaaga	gctttccgtc	tattttcaaa	1320
ttctttaccg	aagcctcaga	ggccaagacc	agctccctga	agccggctgt	gacgcgccgc	1380
tcccaccgca	tcaagcacga	atg				1403

<210> 5834
 <211> 1791
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (1534)...(479)
 <223> similar to gi5139689 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 5834	
tttttttttt	ttgcaatact gtaacgacag cttattcttt aataaaagtc aggggtgtca 60
gcagcgtcac	tggtaagaca tgatggcgct ccacgactga ccagcagcgc tgggaaggga 120
cacgcagAAC	ccaccttcca accacgcca acacatcaca gaaatgcctg ctcgtttggt 180
ttgattcata	tacaaagtta caaagtattt cctgccccaa attcttaacg aaaatgaaag 240
aaaaacccta	aaatgcggtg gttttacaag tatattagcc cagaacatcc tagggcagct 300
gcgcggggccg	cgggtgcggc agggcgacag cgcaggcacc gcagagcccc ggccagcgcg 360
aaacggacgc	aggcgcatte ccagccctc cgtggcggtt tcagcagcag atcgccagg 420
cctggcccgg	tcgggcttgg tgttgccctc gaagtcgaga cgacgggtgt gctcagttat 480
cttcgcctt	tccgcactat ggtgggcagg cgacactgtg gcggggcagg cttaagggtcc 540
cttcgcgga	tctgtcttct tgctcgacag gatgcacttt cagggtctca gcaaccgcac 600
tcttccattt	gttccagatc caagcacgga ctggcagcgt ggggcttgag taggacgaca 660
gtctgaccac	tcccgaag ctttagttg ggcaggttcc atgacatagg ccggtcctcg 720
tctcttggga	cggctcctct cttgctttag ggactgtttc tctgttcttg gaagtagggg 780
tgctgcaggg	cctgggtggc ggcgattctc tcatcgggaa tcatagccca ccattgcgtg 840
caggaggggag	aggcattgtg gggacaaatt ggttgttagt agaggattc ctgatccctt 900
tttaaaagga	aaatcaaaat tcatagctct cgactgtttg aacttggtga ggatcttctg 960
agcgggtgtg	ccgatgacat cgtggatttt tgagatttgg tccagttcat ttactccagg 1020
aaagaggggc	tgcagactgg cgatctcgta gaacacacag ccggcgctcc acagggtccat 1080
cttgtagctg	tagaaccat cagtgaggag acactccggg gcccggtacc agcgggtgga 1140
gatgtattcc	gtgtacggct gcttggaata gacactccgg caggagccaa agtcccctaa 1200

tttcaggaca	tcctttatta	gtatatatttc	tggtttttaca	tctctgtgaa	atattccatt	1260
tctgtgaata	tgatccaggg	acttacataa	ctggtacata	tagtgcataa	tttttttttc	1320
tgataatggg	tatcttctcc	ctcgtattag	ctcataaata	ttcatgtcca	taagttcaca	1380
tattagtgca	agagaaccag	attttctgtc	actttcaaag	cgctgcttca	tttgttttaca	1440
tgcatagtag	tttccatctc	tcaggctttg	catcttcata	acttcagaaa	acgttccctc	1500
tcctattttg	ccaattgctt	tatagttctt	catcttggtg	gcggaagccg	gtgacaaccc	1560
cttgccgaca	ctggacggaa	aagaaagaag	caggaagggt	gtccccctgc	tttccacttc	1620
cctgaggcgg	ggtcccgcac	taggatctcc	gtggtgggtc	ctcgaaggag	agcgttagag	1680
atcccgcgc	catgttgtgt	ccctgtcacc	ctagcaaccg	tcaggccctg	aacgccacgc	1740
aatcgtctct	ccggccttcc	gtggccgggtc	cctcacgcat	gcaatctatg	g	1791

<210> 5835
 <211> 3143
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(3144)
 <223> n = a,t,c or g

<220>
 <221> misc_feature
 <222> (704)...(3143)
 <223> similar to gi5852425 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 5835	
tttttttttt	ttgacgtagt
tcggctcact	gcaacctctg
gtagctgaaa	tttaccnggt
agagatgggg	tttcaatcat
ctcggcctcc	caaagtgcag
tctttttaaa	agaatcgggt
aaatattcag	taaaccatgc
ttctagagca	cagaaagaat
tggtcaatga	gcaactggtg
cagcccatcc	tttgaagttt
gcatcttcac	taagcttaat
ttcctttcat	ttgagttctt
tcacctctct	ccctcctcta
tgacccccac	atgccctgcg
agcaagggcc	atccccctgc
acctgcccgg	gcatgcgggg
teccatcctc	agactccctg
ccgcagcgcg	atggcctgct
gagtcacagg	ggaaaggtgt
tgagagccga	ggtcgccagg
agctcgtgac	cccggaggcc
aaccgctcca	ggagccgggg
tttctctctg	cactcacctc
ctctcctctg	cactcacctc
cagcctgtta	gatgagctcc
gatgagctcc	

tgtaacccc	agagtttcag	caaaaggcac	aacctttcct	agatccggcg	ccactggggg	1380
agctgaagga	cgtggaagag	cccgttttgc	tggaaccact	cctcagccag	gaagaacaca	1440
gggctctgct	ggaggagcag	gttggggcgg	gtttggggca	gggtggcggc	ctctctttcg	1500
cggtagaacct	caggcttggg	gtggagaggg	gtgtcttccc	ttccagctga	cctgcctagg	1560
atccctgagt	tccagggtcca	gcgagagact	ccacacagag	gagggctgtc	aacaatgaca	1620
agaaagcatt	cctgagcatc	ccgggggatcc	cagggtctgg	cccagggtaca	gggaggtagg	1680
ctgtcctaac	tgcattgcgcg	ggttttccag	cagcagccta	ggattttctaa	ctatcccagg	1740
cggagctctc	atcccttttt	ccccgcggt	cttcagtcgg	gttggcggag	acctcagtcc	1800
gcgaaacact	gggccagggc	agaagccagg	ccagttctcc	tttctgcggc	tcgactcctc	1860
cgcctcttcg	ctcaccatca	tgttgccaac	ccgtgtcccg	ccagcctcct	cgccagcacc	1920
atagagcgcc	ttgcaactaa	ataaagaccc	cagacctcgc	gcaaaccagg	gtgctgccct	1980
ttccaggcaa	gaggggaagg	aggcagagat	gaggacagga	acggagacag	agtgagatgg	2040
aaggatggag	ctaggcaagg	atgggtggaa	ggagggaccc	cggaaaggag	agaaaggagg	2100
agggagggag	aaaggggagg	aaaagccagg	ggaggggagg	aagaacagat	ggaaggatgg	2160
accaaggggac	aaaaggagca	agaagcagag	aacggaaagg	agagacaaaa	acggtcttat	2220
gcctccagaa	ccaacaggac	ccagaactcc	gggaaaatgt	tgggtgcccc	gtacaggctg	2280
agtgtctggc	ccacagcccc	gttgcccggc	ggggcgctca	gcggccctct	ggatcaccag	2340
cctgggttac	ttcgtcccgg	agcaattcag	accaattccg	tttccgaagg	aatgagcgaa	2400
ttcccagag	agcaatgagc	cgagacccag	gtagtgtgtc	gtttttcatc	cacatggttc	2460
acagatgaca	tatccccacg	ttgagccctg	caacagagct	cgaggcggat	agtcccattc	2520
acacaggagt	cacactcagg	ccaactgaag	cgtgattctg	gattccacgt	ttctttgccc	2580
tctgtaaagg	tgcctgttgc	tcaagtttct	gccccccgaa	agcgtgacca	tgttgactgt	2640
ttcgcgagct	ctgtggggcc	ccagaaactt	ccaggaatgc	gtggaagacc	agcatcgtgt	2700
cgggtgtctc	ctttccagtt	ttcaaacagg	ctatatggga	gactccccat	tttgaggaa	2760
acaggaatcc	atcatcaggc	cgtgatgcac	gggatgtttc	ttttctctgt	ggtttcgctc	2820
tcgttgtcta	cgtgaaaacg	aacgagatga	acacaactgc	gtgtgtgaga	ctatcacggc	2880
aactgtgaca	cccaggcgtt	ggcaatagag	ttggcagcct	gatcctggga	caaagggtact	2940
gatggacatc	cagacacacc	ccaccacaat	cactagcaaa	ccactccca	aacacacaga	3000
cacacacggg	cgcacgcgcg	ggaacacaag	cacacacaca	gacacacaaa	gacacagaca	3060
acttgaagga	gagcaaggga	cagagggatg	agaaatagaa	acggaaggag	agaaacagcg	3120
atggagagag	agacagagag	gaa				3143

<210> 5836

<211> 863

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (234)...(486)

<223> similar to gi2145052 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 5836

tggcgtgtga	gtgcgggggtg	gggtggtggc	cgttacgttc	tgggcaacgg	ctacggcagt	60
ggagaagtaa	gaagagaaac	aacgtccggc	gcttccgcct	tcgcttagga	ggaggaagag	120
ctggtaggga	aaggaaagtg	cttcgccctg	ggcctggact	ggaccgagtc	gggttggtgg	180
gggtctgggc	tatgagcttt	tgagggtcgc	ctgggacgcg	gagcgagaca	cgagagccag	240
gagctatgtc	tcagccgcgcg	gcgcgcgcgc	ctcggttgcc	gccgccacct	cctccccctg	300
aggctccaca	gactccgctc	tccttggcgt	cggcggtctgc	ttcggggggg	cttttgaagc	360

```

ggagagaccg gagaatcctt tccgggagct gcccggatcc gaagtgtcag gcgcgtctat 420
ttttcccggc ctccggttct gtcagcatcg agtgtaccga gtgcggccag cggcacgagc 480
agcaacagct gctggggggt gaggagggtga ccgacccgga cgtagtgtct cacaacctgc 540
tgcggaacgc gctgctcggg gttacggggg caccacaaga gaacacggaa ctggtaaagg 600
tgatgggcct ttccaactat cactgcaaat tgttgtcgcc catattagct cgctatggaa 660
tggaacaaca gacaggcccg gccaaagcttc tccgggacat gaaccagggc gaactgttcg 720
attgcgcctt actgggtgac cgcgccttcc tcatagaacc agagcatgtt aacactgtgg 780
gctatggcaa ggaccgctcc ggaagcctcc tgtatttgca tgacactctg gaggacatta 840
agcgggcca taaaagccag gac
863

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<210> 5837
<211> 1168
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(1169)
<223> n = a,t,c or g

<220>
<221> misc_feature
<222> (123)...(920)
<223> similar to gi21627 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

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<400> 5837
attttttttt ttcaacttcag actaaatatt attaaatatg gtgtcatttg gctacaatcg 60
gtttgtcttt ataaaactaa gtaacttatt ttgtagtaaa aacaacccca acccaactgcc 120
cctctttggc agcccttgaa actcagttca aagctaggcc tggctcccg ccatggcccc 180
tgctgccttc acctgtctgag cgctctagga agcctcccaa atcccaagtg tcaggccccc 240
ggagtccatc acctctgcct caaacagcca agcccagggg ctttggggcc gcaggatatga 300
aggccctccc agtagccaca cctgtgtcag ggctgtgccc tggggcctgg ccaacatccc 360
ccctcccctt gaaccatcag gaactgggca agacgcccac cagaggcttg accacagggg 420
gcgtgcaccc ccttctgagc ctgggagacc ctaggggagt gggtagcctg ggctggaccc 480
ctgggtgggt tgtgtttctg atgtcgtat ggcacttttg tcctcaactc aaacccccac 540
ccctaccagc gagtctgaga cctcggcctt ccctggactt gttgggcaga aaaaggcacc 600
aaggacagga tgagaaaccc ggaggggcag cccacaaaat gagggcgctc tgacctgtcc 660
tccatttgc accccacca ggaacagccc ctcaactggt cacagccacc aggaagcccc 720
aggactgtc ccacaccaca gcagtgcctt cttctccatc ccacctcag gacctacca 780
gggtcctcca ggcagccagg ggccagctcc aggcagggc aggagaatgc ggtccaggtc 840
tgccacgtaa ctgaggggtg gtatgtcca gagaagtaag gcaaatggcc cagatgacga 900
ccacctggg tagaccagg gtctccaggg aatggctcgg gggcagacgc tgtgtctgtg 960
tgtgcaggat ctgccccac cagcaggaaa ggggcaggag ggaggcaaag aggaggtgcc 1020
caggacttgt accctggctg ccaagcaggg tggggtgttt tcatgaggat tgcttttaac 1080
caaaagtct cagccttctg cagaccagg gcagcggcga gttgctctac atcatgtgct 1140
ttacggaaat cncgcgcgt aatccaat
1168

```

<210> 5838
 <211> 1345
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(1346)
 <223> n = a,t,c or g

<220>
 <221> misc_feature
 <222> (1287)...(295)
 <223> similar to gil263289 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 5838

tttttttttt	ttcctgtgta	caaaatgttt	aattttgaca	aagcagttaa	aaggctaggg	60
tggcccttct	gcagccactg	gtgactggga	agagtgtctt	agggacactg	gccaccccc	120
tgtcctgtc	ttcagacctc	tgtcttgga	ttgggtccaa	ccctgtcctt	tgcagccatg	180
tggcgatcct	cagcatggag	ctccttgcca	ctgtcccca	aaggggtca	gtcgtccatc	240
ttcacgaaga	ctttgggccg	agaaaagatc	ttgatggcct	cctctacctg	caccagcttc	300
cggtcagct	cagcacggtg	gctctggggc	tctcagttag	tctgccccag	caggcagcag	360
taccagctca	cgcagcagct	ggctctggct	ctggagcagc	ttggtcagt	tttccagccg	420
ctgggttctca	ggcatgcgcg	tgtggcctgg	gggcatggca	gggtccggct	ggctctgctt	480
gcggggcctcg	gcctcccgcc	gccacaggtc	cctgcgctcc	aacaagtaat	gtggcacatg	540
gcccttctgc	gtggcattgt	agtgtcctctg	ggcctgcgcg	tgctgctcta	gcacttgtgc	600
caggacctgc	agtgagcagg	aatgcctccg	gggggctctc	ttggcagctc	gtgcattgtg	660
acgaatgaag	tccaccccc	ggcctggctc	cttagcttcg	ggacctgggtg	gggttggctg	720
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gtgggcagac	tctgtcccag	aggcagggcc	aggctcctgg	agctgggcct	tgacccggga	840
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ctcccggtcg	cgctcctgtt	ctctgaagcg	cttctgaatc	tccctgatcc	gcctcagggtt	960
ctccttctca	tggctccttag	ggctccttct	cttgagagag	gccccaggac	ctagggagat	1020
cccctcgagt	tgcaacagca	cgtccccgac	gccgcgctgg	ccgcgctcca	ggatctctcc	1080
ggcaccggga	ccgatgcagg	ggccacgggg	agcgggtggtg	tccagggccc	ggtcggaagt	1140
cagcaagtcc	agcttcagcg	cgtttccctc	gagggcgccct	tgagccgagg	tcggccgcct	1200
gtagttgtca	ggacagagcg	tcggtcttg	ggggatgggc	cccagatgc	gggacgggcc	1260
ctcgacatg	ccgccggcgc	cgcccagcaa	cgggtgcctga	ctaanggtcc	tcaannctag	1320
tgtctacaaa	gggggcgggg	cgcgg				1345

<210> 5839
 <211> 3101
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature

<222> (1)...(3102)
 <223> n = a,t,c or g
 <220>
 <221> misc feature
 <222> (791)...(1423)
 <223> similar to gi4886481 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 5839

ttgtatctag	ctctccacca	gcagaatggt	ggtccgggca	gcgttccggg	aatcactctg	60
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agattcctta	tgaggcagaa	atagggtttc	atcttttcca	tgctccagag	cttctctgat	180
ttgcttgggt	aacctttatt	ttctaagata	aaggaggaaa	tgatacgatc	ccagtcttca	240
ttcttgggtat	caagcaaaac	caggatcagg	tcaaatacgac	ttaagagtgg	gctgccgagg	300
gcaatgttca	cagacacgga	ctcctggggg	tcgtactggc	ctttgggggt	cgttgctgcc	360
aggatgggtg	tccttgtgtt	cagcttgac	acgaggtttg	ttctccgcct	ttgtcctaata	420
ccacaccagc	aggtggagcc	gcagttaaag	tttccgagtc	cattccggga	gcgggagccc	480
atcttgctgg	ctgccgaggc	cctcgctgga	ggaggagggt	cagaactcgg	gtgcagccaa	540
tcgagggcaa	cgctgctact	tataagagca	gaatgggcng	gnnctcgtag	tttagtgaaa	600
taggaaaagct	gcaaaacact	gtggagtgtc	cccgtgtaaa	taaaaagagg	aaaaaagttt	660
ctcaagtcgc	cgctgcacga	cgtctggccg	gcgctggagc	gggggtctgc	gctctccga	720
gcggccgcgc	gctggacttt	attgtgccgc	aaccagcccc	agttcccatt	gtttgtgttt	780
ttttcaaaat	atggcaaagg	ttcaggtgaa	caatgtagtg	gtgctggata	acccttctcc	840
tttctacaac	ccgttccagt	tcgagatcac	cttcgagtgc	atcgaggacc	tgtctgaaga	900
cttggaatgg	aaaattatct	atgtgggctc	tcgagaaagt	gaagaatacg	atcaagtttt	960
agactctgtt	ttagtgggtc	ctgttcccgc	aggaaggcat	atgtttgtat	ttcaggctga	1020
tgcacctaat	ccaggactca	ttccagatgc	agatgcagtt	aaggcgtaaa	ctggttgggc	1080
ctaattactt	ggtacctatc	cgaggacaag	aattttattaa	gaagttgggc	taattaatgt	1140
aaataatgaa	tatactggag	acagaattaa	ggggaaaatc	caccagtaaa	accagactt	1200
ttcctaagct	tcaaaggaat	attttggcat	cctaatacccc	agggtcacia	gattccacat	1260
taattgggaa	gataacacag	aaaaactgga	agatgcagag	agcagtaatc	caaatctaca	1320
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ctcactaaat	gtcatgttag	aatcccacat	ggactgcagt	tgaccaccta	ccatcccttt	1440
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agtcaaaaca	caatgtgaag	aatttgttta	aaaacatcct	gtagaaagtt	tataagaaaa	1560
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tcctttatat	gtaatgaaag	cacttataaa	gaaacaggaa	tcattagacc	aggttgtaaa	1740
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agtttacttc	aactaaaatg	tttcttcctg	tgaagacata	tggtatcatt	ttaatttaag	1860
gggcagattt	ccattctttt	ttggcatgtc	cttaaaaaga	ggatttgaaa	tcaactatat	1920
gctaccaaga	acttttaggat	ccaattttcc	aagccaccgt	gaagcctctt	atggctacta	1980
ttatagtcca	tgagatgttg	gacagcattt	ggtttgtttg	gtaagagaag	aacaaatatg	2040
gctaattgtt	aataaggtcc	cctggctatg	gtttttgttc	ttataacaga	gtttagaata	2100
tcagagcatt	tcttgaatca	tacatcatta	ttgtccagtg	aattcaagac	caaatacaat	2160
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gttcatttga	tttctaaaaa	taccatgacc	tttaaaaatt	cttttaatat	atcatgttat	2280
tggcagtatt	tataataaaa	ccatggattt	agaaaggat	atttagcttt	attataatag	2340
atacgttact	attttggaaa	tatatataat	ttcacacctg	tagtactctt	ccccatttcc	2400
tctgacactc	atgcagaatg	agatcaggca	tatttgtggt	tgacatactc	tagatagctt	2460
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ggtttctttt	tctttgagag	ttaagtcctt	cctcaaaaaa	attttcttat	gctccataaa	2580
attgaggtag	aatattttcc	attattcttg	ccagctaagc	aagacagccc	atatgatgca	2640

accaccccc	tcctcctaac	cactggctctg	ttggaataac	ccagatgtct	gcacccccctc	1800
aagtcagtca	atttcctttc	tgtccactgg	gggtggaatg	gggtagggtg	ggatacttta	1860
aagtgtcct	gcttaaataa	attagaccag	accagtgtat	ttctaaagaa	aatcctgaca	1920
tgacacacca	ttaaaaaatag	tacattttac	agtgtcccag	tcatactttt	aattggcaaa	1980
ttaaaataat	gcaatctgat	atattctatc	ctactaaatt	aaaaatactg	aatataacca	2040
actaaatata	cttactccta	agactcacta	ccagtagttt	cacttaaact	ctgccttaga	2100
ggctcttccc	acccatttcc	cattatggca	catagagaaa	aaggcctcta	tcactgtcca	2160
ctggagtaat	aaccactgct	tcccctaact	gcctcaaaga	ctgtcatttt	atagaaaatt	2220
taagactatc	ctaattccact	ctttccaaac	tcccagccag	gatagagact	tccaggagtt	2280
ccacctgtcc	caccttatct	ggctgccaac	tcctgtctcag	aaacagaacc	tgccacaccc	2340
tgccactgca	ggccgcaacc	tcaactccca	actgccaaact	tgaagcctga	actacccttt	2400
ccctgaccag	agttcaggag	gggaagagct	acacctccct	gcacatgaat	ccactcattt	2460
gaaagaccaa	ctgaccctgg	atttaagctg	gccaggaccc	tgggagatct	ttggaaggat	2520
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tgctgtaat	cccaacactt	tacaaggcca	aggcagagga	tggcttgagc	ccaggcaaca	2640
tggtgagacc	aggctttaaa	aaaacatatg	agccaggcat	ggtggtacat	gcctgtggtc	2700
ccagctactc	gagaggctga	gatgggagga	tccggtccgc	ccatgagggtc	aagggtgcag	2760
tgagccatga	ttgtgttacc	gcaccccagc	ctggacaaca	aagcaagact	ctgtctcaaa	2820
gcaaaaaaa						2829

<210> 5841
 <211> 2320
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (337)...(1978)
 <223> similar to gi915208 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 5841						
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tctcggcggt	gttcaacgcc	ctcctggtgt	cggtgtctggc	agcggtcctg	tggaagcatg	180
tgcggtgctg	tgagcatgca	gccacactgg	aggaggagct	ggccctcagc	cgacaggcca	240
cagagccagc	cccagcactg	aggatcgact	acccgaaggc	actgcagatc	ctgatggagg	300
gcggcacaca	catggtgtgc	acgggcccga	cgcacacaga	ccgcatctgc	cgcttcaagt	360
ggctctgcta	ctccaacgag	gctgaggagt	tcattctctt	ccatggcaac	acctctgtca	420
tgctgcccga	cctgggctcc	cggcgcttcc	agccagccct	gctcgacctc	tccaaccgtg	480
aggaccacaa	cactcagtac	ttcaacttcg	tggagctgcc	tgctgtctgcc	ctgcgcttca	540
tgccccagcc	ggtgttcgtg	ccagacgtgg	ccctcatcgc	caaccgcttc	aaccccgcga	600
acctcatgca	cgtctttcat	gacgacctgc	tgccactctt	ctacaccctg	cggcagtttc	660
ccggcctggc	ccacgaggca	cggtctcttct	tcattggagg	ctggggcgag	ggtgcacact	720
tcgacctcta	caagctgtct	agccccaaagc	agcctctcct	gcgggcacag	ctgaagaccc	780
tgggcccggct	gctgtgcttc	tcccatgctt	ttgtgggcct	ctccaagatc	actacctggt	840
accagtatgg	ctttgtgcag	ccccagggcc	cgaaggccaa	catcctcgtc	tcaggcaatg	900
agatccggca	gtttgcacgg	ttcatgacag	aaaagctgaa	cgtgagccac	acaggagtcc	960
ccctaggcga	ggagtacatt	ctgggtcttta	gccgaaccca	gaacagactc	attctgaatg	1020
aggcagagct	gctgctggca	ctggcccagg	agttccagat	gaagacagtg	acagtgtccc	1080

tggaggacca	cacctttgct	gatgtcgtgc	ggctggtcag	caatgcctcc	atgctgggtca	1140
gcatgcatgg	ggcccagctg	gtcaccaccc	tcttctgccc	ccgtggggca	actgtggtag	1200
agctcttccc	atatgctgtc	aatcccgacc	actacactcc	ctataagacg	ctggccatgc	1260
tgcctggcat	ggacctccag	tatgtagcct	ggcggaacat	gatgccagag	aacacagtca	1320
cacaccctga	gcggccctgg	gatcaggggg	gcatcaccca	tctggaccgg	gctgagcaag	1380
cccgtatcct	gcaaagccgt	gagggtccac	ggcatctctg	ttgccggaac	cccgagtggc	1440
tcttccgaat	ctaccaggac	accaaggtgg	acatcccatc	cctcattcaa	accatacggc	1500
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gcaaggtgcg	ggaggcacgg	tgccaggcgt	cagtgcattg	cgctcccgag	gcccgcctca	1620
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caggccacag	cctggcctcg	ggaaggtggc	tcttgagcgt	cagcgtccct	gggcccatta	1920
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attgggtggg	tcactctgct	ccatcccagt	gaaatttacc	tgtagcccag	tgaagggtgt	2280
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<210> 5842

<211> 4331

<212> DNA

<213> Homo sapiens

<220>

<221> misc feature

<222> (4133)...(2522)

<223> similar to gil663704 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 5842

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acccccgaag	agtaaggag	ggaatgtaga	aattaagaag	ttatgtggaa	tactctttaa	180
attgtaatta	actacatttt	cttattttca	cagtaataca	aaacacagtc	acttgcagaa	240
ctgggtcaga	ttactttaaat	accagatata	tttttagtcc	tctacataag	tgtttgggag	300
ttacttatgt	ttatatgaaa	tgaagctatt	aatacttttc	tactgaatat	ataatatgat	360
ccattttatt	taaaaaataa	agattacata	tttgcttata	tacgcataca	aattttctga	420
aaattacata	agaaattggt	aatagattac	ctctggagaa	tagtactggg	gtaagagggtg	480
agggggcaga	atttctattt	tacagcctta	tatactgttg	tgaatttttt	tttttaccat	540
gtacttttta	aaaatacaaa	attgaggagg	gaacctccta	ctccaaaatt	acgaagcatt	600
cttttatgta	cattttctcta	agagttatat	ttgatatttt	tcaaggcaaa	ctgacttgag	660
gtactcgatg	tttttaaatg	tattttcta	aattattagt	agggtcacac	ctatttgaca	720
gcttttttaa	aaagtcacat	attgctgtat	ttttaaagat	gacaaacctt	tattttaa	780
agatgcttgc	tggagatttt	ctttttcaaa	ctcacttttt	aagttatgga	aataatatca	840
ctgctgaaag	tttggaacac	atatataagg	gtgcaaaaaa	taccactaaa	atcacataaa	900
ccaatcttac	cattattaat	ggtgtgattt	ctttctttac	atatctatta	atacctagta	960

ctatctatgt	agaaaatgtg	tttgcaaagc	tgagatcaca	ctgtacctat	agctctggat	1020
cctgctgctt	tttcccccaa	cacttaacag	atgctcagta	aacatgttaa	accaagttgt	1080
taattagtat	tgtaccattt	ctcctcatca	aaaattactt	ctatagaagg	catttagttg	1140
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tgataaatgt	ttttcagaag	aattatactg	gttttctactc	ctaccaacag	cgcagcctgt	1320
gttgctgttt	ccttgccaac	actgtcacca	ttttaaaaag	tcactgttat	ttcacaggta	1380
aaaaatagaa	agtttgctct	gagaaaaattt	cttcctccca	ttacaaaata	aagtcacagt	1440
ctttccgtat	gtccactcta	gagtgtctatc	ttccaatcta	aaacagagga	actgttttca	1500
aacatcatta	gttttagcgg	ctccactaac	aaagacatac	ggataaagta	acatgtaagt	1560
cagattaaga	atctcaactt	tttaagaaaa	accaaataac	ttaaaggcata	tttttattct	1620
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aaaactaaga	tcattccaat	ttaggggaaa	gtttttttat	tcagtgttta	agattaaaaa	2040
ctacaagatt	ttgcttgacg	ctgatgagta	aaaagagaa	ttaaacataa	attctcatct	2100
gagtggctag	ttaaaatgct	ctgacaccga	gtcaagttac	tcagtgcacat	accagttact	2160
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gttgccaaca	gtctgtgcag	caaactgcct	tgctcttct	agaggagcat	cagaaggga	3060
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agatggagta	gacactgaac	tttctgactg	actgccattt	gctactgatg	tttactttt	3720
tagcaaatgc	atctgtcgga	ccttgtgaat	tcttgtaaca	agttcatctg	cagaaacact	3780
tctgtctatt	acttccaagg	gaattccact	gtctccaata	aagaaactgg	atggaacaca	3840
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gtccggctct	gcggccccc	caaccttgcc	tggttcggcc	cccacctccg	gctccgcaca	4200
agcgcgcacg	cccgtcagcg	gcacccggag	acgcgcgcta	gcgcgcgcga	gaacacctca	4260
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tggtcggcgc	a					4331

<210> 5843
 <211> 2077
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (48)...(2079)
 <223> similar to gi35483 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 5843
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 tccccgggcaa cgactccacg gcgtctcagg acgtggccaa ccgcttcgcc cgcaaagggg 120
 cgctgaggca gaagaacgtg cacgaggtga aggaccacaa attcatcgcg cgcttcttca 180
 agcagcccac cttctgcagc cactgcaccg acttcatctg ggggtttggg aaacaaggct 240
 tccagtgcc agtttgctgt tttgtggtcc acaagatggg gccatgaatt tgttactttt 300
 tcttgccgg ggtgcggata aggggacccg acacttgatg accccaggag gcaagccaca 360
 aggttccaaa atccacactt tacggaagcc ccaccttctt gcgatcactt gtgggttcac 420
 tgctctatgg acttatccat caagggatga aatgtgacac ctgcatatg aacgttcaca 480
 agcaatgcgt tcatcaatgt cccagcctc tgcggaatgg ttcacactga gaagaggggg 540
 cggattttacc taaaggctga ggttgctgat gaaaagctcc atgtcacagt acgagatgca 600
 aaaaatctaa tccctatgga tccaaacggg ctttcagatc cttatgtgaa gctgaaactt 660
 attcctgatc ccaaggaatg aaagcaagca aaaaaccaaa accatccgct ccacactaaa 720
 tccgcagtgg aatgagtcct ttacattcaa attgaaacct tcagacaaag accgacgact 780
 gtctgtagaa atctgggact gggatcgaac aacaaggaat gacttcatgg gatccctttc 840
 ctttgaggtt tcggagctga tgaagatgcc ggccagtgga tggtaacaagt tgcttaacca 900
 agaagaaggt gactactaca acgtacccat tccggaaggg gacgaggaag gaaacatgga 960
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 ctctgaagac aggaacaac cttccaacaa ccttgaccga gtgaaactca cggacttcaa 1080
 tttcctcatg gtgttgggaa aggggagttt tggaaagggt atgcttgccg acaggaaggg 1140
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 cgtggagtgc accatggtag aaaagcgagt cttggccctg cttgacaaac ccccgttctt 1260
 gacgcagctg cactcctgct tccagacagt ggatcggctg tacttcgtca tggaatatgt 1320
 caacggtggg gacctcatgt accacattca gcaagtagga aaatttaagg aaccacaagc 1380
 agtattctat gcggcagaga tttccatcgg attgttcttt cttcataaaa gaggaatcat 1440
 ttatagggat ctgaagttag ataacgtcat gttggattca gaaggacata tcaaaattgc 1500
 tgactttggg atgtgcaagg aacacatgat ggatggagtc acgaccagga ctttctgtgg 1560
 gactccagat tatatcgccc cagagataat cgcttatcag ccgtatggaa aatctgtgga 1620
 ctggtgggcc tatggcgctc tgttgatga aatgcttgcc gggcagcctc catttgatgg 1680
 tgaagatgaa gacgagctat ttcagtctat catggagcac aacgtttcct atccaaaatc 1740
 cttgtccaag gaggtgttt ctatctgcaa aggactgatg accaaacacc cagccaagcg 1800
 gctgggctgt gggcctgagg gggagaggga cgtgagagag catgccttct tccggaggat 1860
 cgactgggaa aaactggaga acaggagat ccagccacca ttcaagccca aagtgtgtgg 1920
 caaaggagca gagaactttg acaagttctt cacacgagga cagcccgctt taacaccacc 1980
 tgatcagctg gttattgcta acatagacca gtctgatttt gaagggttct cgtatgtcaa 2040
 cccccagttt gtgcacccca tcttacagag tgcagta 2077

<210> 5844
 <211> 2268
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(2269)
 <223> n = a,t,c or g

<220>
 <221> misc_feature
 <222> (116)...(1880)
 <223> similar to gi4877951 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 5844

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atcatgtgtc	tctagccagc	ccagcagcaa	ccgggcccgc	ccccaggatg	agctgggggg	180
caggggcagc	agcagcagcg	aaagccagaa	gccctgtgag	gccctgcggg	gcctctcatc	240
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tgctgtggac	ctcggcttgg	cgcgggaccg	gccccctggag	gccgatggcc	aagaggtccc	360
ccttgacacc	tccgggtccc	aggcccggcc	ccacctctcc	ggtcgcaagc	tgtctctgca	420
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ctgcccgtcc	ctgccctact	caccgcgtcag	ctccccgcag	tcctcgccctc	ggctgccccg	540
gcggccgaca	gtggagtctc	accacgtctc	catcacgggt	atgcaggact	gtgtgcagct	600
gaatcagtat	accctgaagg	atgaaattgg	aaagggctcc	tatggtgtcg	tcaagttggc	660
ctacaatgaa	aatgacaata	cctactatgc	aatgaagggtg	ctgtccaaaa	agaagctgat	720
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aagctggacc	accccaatgt	ggtcnaagct	ggtggagggtc	ctgggatgac	cccaatgagg	900
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ctcaaaccac	tctctgaaga	ccaggcccgt	ttctacttcc	aggatctgat	caaaggcatc	1020
gagtacttac	actaccagaa	gatcatccac	ccgtgacatc	aaaccttcca	acctcctggt	1080
cggagaagat	gggcacatca	agatcgctga	ctttggtgtg	agcaatgaat	tcaagggcag	1140
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caagctgcac	ccctgggtca	cgaaggatgg	ggcgagccg	ttgccgtcgg	aggatgagaa	1500
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tcagccaccc	ttccttcata	cacatagcca	gcccagggtga	ccagaacctc	ccaggacaga	1860
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gtggtgggtg	gggaccccac	tgccttccc	actgagcaca	tcgtggctac	ctgacttggt	1980
gggagctcca	ggcagtcact	tctgttttctt	aaacatagct	ttactgaggt	acaattcaca	2040

09487951.28460

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agccattacc	accatcaact	ttacgacatt	ttcatcagcc	caagaagaca	ccctacactc	2160
cttagctgtc	cccatccaac	tccccaccc	cagtaaccac	tcagaatagg	tatggatttg	2220
cctattctgg	acgtttcgta	taaatggcgt	catacactaa	aaaaaaaa		2268

<210> 5845
 <211> 2363
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(2364)
 <223> n = a,t,c or g

<220>
 <221> misc_feature
 <222> (2198)...(915)
 <223> similar to gi35435 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 5845	
actataccga	gagactgaag aagtggaaat atatgtggaa cagagccttc ctccatggta 60
tgaaatagat	ttccttttaa aaataaaaaa aaaagaagtg aacaatataa gcatattact 120
tagaaacatg	gaggatatata cctgaaaaac tcaagagttg aaagtgggtca cctctgggga 180
gtgggaatct	tgaatgggag gaatgggctg gggctttttt gttataagcc ttgacttttt 240
aaattatgat	catgtgtaac tgataaaaaat aaaagttaga ataaaagccc tagcacaatg 300
tctgccataa	agtaggccct tgataaagaa tggacattta tctaattgtc ccatctctcc 360
acggctgctg	ccccactttt tgcattcagc aatatagaca tttgatccgt tcctcaagat 420
tctattctcc	cccttcctaa caaagtatgg caggaaaaaa aaaaaatcac ggtttcaatg 480
gacactttta	ttgtttactt aatggatcat caattttgtc tcaactaccta caaatggaat 540
ttcatcttgt	ttccatgctg agtagtgaaa cagtgcacaa gctaatacata ataacctaca 600
tcaaaagaga	actaagctaa cactgctcac tttcttttta acaggcaaaa tataaatata 660
tgactcttag	aatgcacaat ggtttagtca ctaaaaaatt caaatgggat cttgaagaat 720
gtatgcaaat	ccagggtgca gtgaagatga gctgagatgc tgtgcaactg ttttaaggggt 780
cctggcactg	catctcttgg ccaactagctg aatcttgaca tggaagggtt tagctaattgc 840
caagtggaga	tgcagaaaaat gctaagttga cttaggggct gtgcacagga actaaaaggc 900
aggaaagtac	taaatattgc tgagagcatc caccacagtg aaggacgttt acacttcaag 960
gagctccaaa	actgggcacc accccccag tgactcaaca tggctggact tttatcctcc 1020
gggtgttcca	tttgggcaac agccaagtgg gcaggtgtct ccaaccaacc tatgatgggtg 1080
atggcaagcc	ccctagaagt ggatntgctt tcaccacct catccatgag agctttgggtt 1140
ccccggggca	aaagcttccc attcaaatac cccacagga ccattccaca caatctgctt 1200
agcccgagtg	acagcctcag catacttctt gctgctttca ggaccacagt ccaagcccat 1260
ccagccagca	ggtatgccag aagccacagt ggcttgcca gtcttgcat tctcatcaaa 1320
cttgtcagca	gtgacaaagt caacaggcaa ggtaatcttc acaccattct tctcagcttt 1380
ggacattagg	tctttgacaa tcttggtccc ctcttcatca aacagagaag tgccaatctc 1440
catgttgttg	agcaccttaa ggaaggtaaa agccattcca ccaccaataa tcatctcatt 1500
gactttgtcc	agcatattat tgatgagctg gatcttgtct gcaactttag ctccgcccag 1560
gatggccagg	aagggtcgct ctgggctctc caaggccttt gcaaagtagt tcagctcctt 1620
cttcatcaaa	aaccaccag ccttctgtgg cagattgact cctaccatgg agctgtgggc 1680

tctgtgagca	gtgccaaaag	catcattgac	atagacatcc	cctagcttgg	aaagtgaagc	1740
tcggaaaagct	tctattttgg	ctggctcggc	tttaaccttg	ttcccagaag	catcttttcc	1800
cttcccttct	tcctccacat	gaaagcggag	gttctccagc	aggatgacag	acccagcagc	1860
tgggttggca	caggctttct	ccacttctgg	gcctacacag	tccttcaaga	acagaacatc	1920
cttgcccagc	agagatttga	gttctacagc	aactggctct	aaggagtact	tgtcaggcat	1980
gggcacacca	tcaggccggc	ctaggtggct	cataaggact	accgacttgg	ctccattgtc	2040
caagcagaat	ttgatgcttg	ggacagcagc	cttaatcctc	tggttgtttg	ttatctgggt	2100
gttcttcata	ggaacattga	agtcgactct	cataacgacc	cgcttccctt	taacgtccag	2160
cttgtccagc	gtcagcttgt	tagaaaagcg	cattttggaa	atacagctgg	ggagagaggt	2220
cggtgattcg	gtcaacgagg	gagccgactg	ccgacgtgcg	ctccggaggc	ttgcagaatg	2280
cggaaacaccg	cgcgggccct	cgtgccaaagc	ttggcgtgtc	natgtcagan	ggctatcaat	2340
nagggtttca	attggggagc	tcc				2363

<210> 5846
 <211> 3182
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc feature
 <222> (1123)...(2418)
 <223> similar to gi5305335 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 5846	
cacgtttctg	tatgtcttag gccagtatcc caaacctctt ccacgtcact gttctttcca 60
cccattctcc	ctttgcatct tgagcagtta tccaactagg atctgccaaag tggatactgg 120
ggtgccactc	ccctgagaaa agactgagcc aggaactaca agctcccccc acattcctcc 180
cagcctccct	cactctccat gctggcagag caggaggag actgaagtaa gagatggcag 240
agggagatgg	tggcaaaaag gtttagatgc aggagaacag taagatggat ggttccgggc 300
cagagtcgat	gtggggagga acagagggct gaaggagag ggggctgact gttccattct 360
agctttggca	caaagcagca gaaaggggga aaagccaata gaaatttcct tagcttcccc 420
accatatgta	ttttctagga ttgagagga aagagaggaa aatgggggaa tgggttgcaa 480
aatagaaatg	agcttaatcc aggccgcaga gccagggaag gtgagtaact ttaggagggg 540
gctagacttt	agaagccaga taggaagaat cagtctaaac tggccatgct ttggaaggga 600
caagactatg	tgctccgctg cccaccttca gcctgcaatg agggactgag gcccacgagt 660
ctttccagct	cttcctccat tctggccagt ccctgcatcc tccctggggg ggaggatgga 720
aggaaagctg	ggacaagcag ggaacgcatg attcagggat gctgtcactc ggcagccaga 780
ttccgaaact	cccattctcc aatgacttcc tcaaccaatg ggtggccttg tgactgttct 840
ttaaggctga	agatatccag gaaagggggc ttggacactg gccaaggaga ccccttcgtg 900
ctgtggacac	agctctcttc actctttgct catggcatga cacagcggag accgcctcca 960
acaacgaatt	tggggctacg aagaggaata gcgaaaaagc aaatctgttt caactgatgg 1020
gaaccctata	gctatagaac ttgggggcta tctcctatgc ccctggacag gacagttggc 1080
tggggacagg	agaagtgtc aatcttcatg agacaaaggg gcccgatagg gccagcagcc 1140
acaaggcctt	gacctgccga gtcagcatgc cccatctctc tgacagctg tcccctaaac 1200
ccaactcacg	tttctgtatg tcttaggcca gtatcccaa cctcttccac gtcactgttc 1260
tttccaccca	ttctcccttt gcatcttgag cagttatcca actaggatct gccaagtgga 1320
tactggggtg	ccactccctt gagaaaagac tgagccagga actacaagct cccccacat 1380
tcctcccagc	ctggacctaa ttcttgagag gggctctctc ttcacggact gtgtctggac 1440
tttgagcagg	cttctgcccc ttgcgttggc tctttgctgc cagccatcag gtgggggatt 1500


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agagcctggt gtaagtgcgc cagactcttc cggtttccaa agttcgtgcc tgccaaccca 1560
aacctgtgag tctcttctgc atgcaggagt ttctcctggg cagctggtca ctccccagag 1620
aagctggggc ttcattggaca catggaacta agcctcccaa atgggagttc tggctgagcc 1680
caggggtggg agatcctggg aagggaggca ctggaggaa agggcacctc tcccccatg 1740
gcaggggtgt agggaggcag gtttggaatg gtgcgagtat ggcaatctaa gcaggggtct 1800
ggtctctttg actccaggct ggcctttggc cgactgtctg ctaccccaga gaccttggac 1860
tccggactat ccatggctcc gaatctaagt gctgccact cccatgctca caccacaga 1920
aggtcttccc atccccctta gattcgtgcc tcaactccacc agtgaggaa atgcctctgt 1980
ctttcccacg actgccagga gatagggaag cccagccagg actgaccctc cttcctccag 2040
cctgccttga cccacctggc aaagcagggc acatggggag gaagagactg gaacctttct 2100
ttgacagcca ggcctagaca gacaggcctg gggacactgg ccccatgagg ggaggaaggc 2160
aggcgcacga ggtccaggga ggccttttct tgatcatgcc ctttctctcc caccatct 2220
ccccaccacc acctctgtgg cctccatggt accccacag ggctggcctc ccctagaggg 2280
tgggcctcaa ccacctgctc ccgccacgca ccggttagtg agacagggtc gccacggcaa 2340
ccgccaagcc cccctcaagg tgggacagta ccccgacccc atccactcac tcctgagagg 2400
gctccggccc agaattggga cctcagagaa gagctctaag gagaagaaac cccatagcgt 2460
cagagaggat atgtctggct tccaagagaa aggaggctcc gttttgcaaa gtggaggagg 2520
gacgagggac aggggtttca ccagccagca acctgggcct tgtactgtct gtgtttttaa 2580
aaccactaaa gtgcaagaat tacattgcac tgtttctcca ctttttattt tctcttaggc 2640
ttttgtttct atttcaaaac tactttcttg gttttctaag ggagtatata gtttagtcat 2700
ttcacagact ctggcctcct ctctgaaat ccttttggtt ggggaaaggg aagggtggga 2760
gggtccgagg ggaaggggac cccagcttcc ctgtgcccgc tccccccact ccaccagtcc 2820
ccggtcgcca gccggagtct cctctctacc gccactgtca caccgtagcc cacatggata 2880
gcacagttgt cagacaagat tccttcagat tccgagttgc ctaccggttg ttttcgttgt 2940
tggtgttgtt gtttttcttt ttcttttttt ttttgaaaac agcaataccc acagtacata 3000
ttactgtagt tctctatagt ttaacataca ttcataccat aactctgttc tctcctcttt 3060
tttgttttca actttaaaaa caaaaataaa cgatgataat ctttactggt gaaaaggatg 3120
gaaaaataaa tcaacaaatg caaccagttt gtgagaaaaa aaaaaaaacc ccaaaaaaaa 3180
aa

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<210> 5847
<211> 869
<212> DNA
<213> Homo sapiens

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<220>
<221> misc_feature
<222> (776)...(29)
<223> similar to gi5824504 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

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<400> 5847
tggttcaagc tgaggccgag tggggacgac gtggagctga ttggagaaga ggaagatgtg 60
agtgtttacg acatttctga ccacctgac tttaggttcc gtacaactga catcgctatc 120
cgcacggcca atactgagga tggggctcct cacaaggagg atgagccatc ggtggggccag 180
gtggcccgtg tggacgtcag cagcaagggt gaggtggtgt gggctgacaa ctcaaagacc 240
atcatcctgc cccagcactt gtacaacata gactctgaga ttgaggagtc agactacgat 300
tcggtagaag gcagcaccag cggggcatcc tcggtgaat gggaagatga tagtgacagc 360
tgggagacgg acaatgggct ggtggaggac gagcacccca agatagagga gcccccatc 420
ccaccctgg agcagccggt ggcccctgag gacaaggagg tggatgatcag tgaagaggca 480

```

gccacagctg	ccgtccaggg	ggctgtggcc	atggctgccc	ccatggccgg	gctgatggag	540
aaggctggca	aggacggggc	acccaagagc	ttccgggagt	tgaaagaggc	catcaagatc	600
ctggagagcc	tcaagaacat	gactgtggag	cagctgctga	cgggctcgcc	cacctctccg	660
actgtggagc	ctgagaagcc	aactcgggag	aagaagtttc	tggatgacat	caagaagcta	720
caggaaaacc	tcaagaagac	cctggacaat	gtggccattg	tagaggagga	gaagatggaa	780
gcagtggccc	acgtagagcg	caaggaggac	aagcccagg	ggcagtcacc	tgtgaaggct	840
gagtggccca	gcgaaacccc	ggtgctgtg				869

<210> 5848
 <211> 1766
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (1708)...(1264)
 <223> similar to gi31973 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 5848		
ttcagtccaa	tccagtgtatc agagctgcat ttatcccgcc taagaaaatt catttctttt 60	
atgttgtcaa	ttatagtttag gtccgcatgt tagttgcatc agttgttttt ttttttttta 120	
aaaaaaaaac	aatccttttaa taaaattagt ccatctaaaa ctccccaatg cctaaggttc 180	
tagtcgtgga	aggggttagct gcagaattcc agttcagaag ccaacggagg ctcagtccag 240	
acagggatta	accgacttgt gctggtatct aggtgcttgg attgccgagt tgagtttgct 300	
ggaagggaaa	tggggcgggc tccggggggc cgacaggcct ggctgccagt cggcttccgc 360	
gaaaacgact	cttgctgtcc acatagccag ccgtgaagcc aaactgcagg cctctgccct 420	
cccctaaatg	tcctcctagg aggcagtcac tcgggaggaa gatgtgcctg ttaccaagtg 480	
cttcgtccc	gccccagcgc agacctatga atgaagatgg agggagagct gatgtgaaag 540	
gcctgggtcc	cggccgcaga aggggcgcca gaccgaaatc ggcgatcgcg tctctccac 600	
caaagcctcc	cggccagcgg ccgcgtctga aagtcctggg ctaagcacca cgccgggggg 660	
gtaccagaca	ccccggctgc agctgccgag ggcctcactc accttgcagg gccgcccggc 720	
tgcgtcggcg	ctgggactgc gcacgctcgg ccctgcgtca gagcgaggaa gaaaaaggcc 780	
aagatcttcc	agaaggtgct gcggcctccc cgcacgcccg cttgaggcga ctcgggatgg 840	
ggcggttga	gtcacgaacg ccgaggcggg gcagggtgcg gcgcccggcg gcctgcccc 900	
cggcaggctc	gggtcttccc gcgccacgga ggtcacccga agagcgccgc aagccgcatc 960	
cggaaggccc	gaaccctacc ggagggcgcg acggcggaca gggcaaggcc ccgagcccga 1020	
cgcggcaggc	ggtgcgggac gggagcgggt gcgggcgggg actcgagggc cgggcggcga 1080	
aggcgggcga	ggggagggga ggggaagggg aagccgcggc cccgcttgcc ccggcagtct 1140	
gaagcggctc	agctctttcc atgaaggccg gtggggcccc tttaaagggc ctttgtggtg 1200	
gcatggggag	gcctggcggc cgggcggcg ccgggcccct ttagtactcc ttgcggaagc 1260	
cttggttgcc	ctttcttcgc cgccccgaag ggcgcctcgg ccccaacggg ggcgctagtc 1320	
tatcttgggc	agcagcacgg gccctggatg gttgggcagg gacgcccttc cctgggcaat 1380	
tcgtcaaggc	agcccaggaa gcttttagag ctccctcgtc gttgcggatt ggccagcttg 1440	
caggtggctg	gggatgatt cgcgtcttct tgttggtgcc gcggccgcat tgcccggccg 1500	
gctccaggag	tctcagctgg tgaggtactc catgcactag ccgccaagg agcagcatgg 1560	
cctgccggcg	ccaacgcgct cggcgtagt gcccttcgc agcagccgg gtacacggcc 1620	
cactgggaac	tcgacggccg gcgcgcgac agcgcgactt ggccttggcg cgggccttgc 1680	
cgcagtcctt	gcccggccc gacatgctag cgaggtagac cggatgaagca cgacggctca 1740	
aacactagaa	cagacgcccc ccgcag	1766

<210> 5849
 <211> 1647
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (377)...(1255)
 <223> similar to gil90510 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

004837E.01100

<400> 5849
 gcttcactga agttctcctt ggtcctgatt cttggcctcc tcccaccaga acgtgagctc 60
 cttgtgggag gcagtgcctc tcccagcctc ctccctgtca cagactgtgt gggggccacc 120
 caggggctga atggaccagg gggtcagcag ggagagtgt aagtgggtggc ggggggcctg 180
 tggcagaggc cttgtgacag tgagggttga gggctgggtcc agagagatga tgtgatcccc 240
 aggagaagcc acaggggacc atgacatggg cgccaccagc ttccaggtga acgtggacct 300
 atcgaaagcc agcttcaggg caggacactg tcctttcttg aggggatggc cccacccccac 360
 agacaaggca ggcccagaca actctacccc actgcctaga agtgcgggtc cccagagcca 420
 gggtagacct cctgagtcag gagcccgggc acagaactga gcacctgcac tgcaggccca 480
 gggccggggt ccctggagaa ggagaaagac tgaagccact gcctacctcc tgcccacaac 540
 agactgcagg ccattttggt gacacaggac aagcagcaca tgtgtcgaac actgccgagc 600
 ccgcaggcac gcctgcatcc cacagccacg agcctgtgag gctcaggcat gtgacctgca 660
 ggagctggag gcgggcgggg aggcaggtgg gggcctctcc ctggctggag caggagctc 720
 caggagacct caggacggcc cccaccgggt gggtaaggac cctgtttccc aatttgcccc 780
 caaggcctaa tggaccacc gggcttaggg agtcctcact cagaggagag gagcccaccc 840
 ctcccaggac acctggctga gccggaacag cagcgcaggg gagctgtgac agcagagagc 900
 agcaccaggc cacacaagca gccgccccgg aaggacacgg cccatggtga cagaggacaa 960
 gcagcatgcg tgtgtcagac actggcctgg cctgtggaca cgcccgcgtc ccacagccat 1020
 gaccctgcga ggccaggaga gactgtctca gggcacatga cctgtggtag ctggaagtgg 1080
 ggcagggagg cgagccaca ctctgtctct ggtccgaggg agatctcagg aaaccgactg 1140
 ggaaatcacc cccacaggg acccccaccc ctcccagcct cactgcgccc cgtcaggcca 1200
 ggcagctgcc ctcagggctc gccaaaggtgg ggggtcaagg ccatgggggc aggtagctct 1260
 gcctgcaaag cccacaagca tgtcagatca cctgggctgc agacagacaa acacctgagc 1320
 tgttctgaat accttcaggc tcctggcctc gctgagcaag tgcagaaatt tttaccttca 1380
 aggatcaggg tttttctgtt tgtttgtttt ttaacacaca catatgtgaa caaagagtat 1440
 gcgtttgtac tggcagaaga agcgtctggt aagacaacca gcaagttaac aatggtcacc 1500
 tccagaaatg ggctgggtaa accaaagaat ttttttgttt ttgttttttt tgagtcaggg 1560
 tctagctctg tcaccaggc tggaaacgcac tgggtgtgatc acggctcact gcagccttga 1620
 cctccctggc tcaagcaatc ctcccag 1647

<210> 5850
 <211> 1544
 <212> DNA
 <213> Homo sapiens

```

<220>
<221> misc_feature
<222> (1108)...(209)
<223> similar to gi2660716 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

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```

<400> 5850
tttttttttt ttcccttcca catttcgtat taaatacctg aaatatatta atcttaaaaa 60
acaatatcga tacagtactc aatggataga ggcagtggag tgaacaagaa gccagattg 120
caaaatcgta ggtcataaaa aaactggagt gcgcgtgcgt caggttccag gcacgcgaga 180
aaaagcaacg cgaaagcttt cagtctcgga ggaggttttc gggcttgggg tagccgaaga 240
gaacaaagtc ggctcgtag agtttataca gctgctgcct ccaggccagg gggatcttgg 300
cgaaccagtc ctctcccag ctgctgggcg gtcctgttcc cggtagctcg gggggaagcg 360
gagctgccag gtccacctgg agtagctgca gcagctgcgc ggcgtcctcg tccagagtct 420
ccagcttccc cacgaagtcg tagtcgatct ggcacgggtg gcagaggcgg tacacctgcc 480
gccagtgtc gttgaagggc gccagcttct ccgtgtgcgg gtccagcagg tactggatga 540
agttggcgaa ggacaccttg aggccagcgc ggaaggcctc gcgcgccgag gcgggcaggc 600
tggtgtggtt ggcgtacagc cgcagcatgg gcacggcgaa cttgcggtag aactcctcgt 660
tctccagctc gaacttgctg cggaaggcgg agatcaggcg cacgaagggg tcgcgcacga 720
agaggaactt ggtgtacttc ttgagcttga ccttcatgag gtggcgggag agcttcccgt 780
agcggcgcca gaacttgttg aaggtcagggt gcgcgtggc gttgtgcacg tgctcgcgcg 840
ggatgcgcag cgggtcgcgg tagggcgcac gcggtgcag caggcttccg ctccagcagc 900
tcatcacgcg ctccagttg gtgcaggcca ccttgggcac gtagcagtag atggccccgt 960
gccggtcgtc cacgatcagg tggctcagct ccgagttggg gatgtcgtcg aatgggcgct 1020
ccttggtggg gaaggccagg ctggagttgg cgcagaagcc ccgcagcacg ctccctccgt 1080
ccgctgctg ccggccctgg tctgggctgc gccgggcgtc gcgcggggac cagtcgtagc 1140
ctctcacgct ctccctcatg ctccccggcg caggcggctg ctccgtctcc tttctgggaa 1200
ggtcgctctg ctccacgcca gcactgagaa acttgccag aaactcgtcg acatcgagat 1260
cggccgtgag ctccctgtcc ctgtccggcc cgggcgtggg cagcggcggc cccgtgtgcg 1320
gcctagagaa ggacgtgtgc aagtagaagt gcgcggcgcc tgcgtgttcc cagtacacga 1380
tgatcagcag gatcatgaac accgacccca gcaccagcca cagccggaac agccgggcct 1440
tggtcatcct gcccggggcg ggctgggccc tctccgggcc tctcacttca gcttctctgca 1500
gagccggggc atcctgctgg gaacctcgcg cccctcacct cgcg 1544

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```

<210> 5851
<211> 1598
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(1599)
<223> n = a,t,c or g

```

```

<220>
<221> misc_feature
<222> (160)...(1117)
<223> similar to gil334643 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

<400> 5851

tgaaagaaac	agtgcagttt	tgttgctcac	agggacccgt	ccccacacac	tggagagact	60
ttgaaggttg	gggttctgcc	cattccacct	ggggaatatt	ctgggcccag	cctaaaaagt	120
tctgttgggg	ccctaaggcc	tggggcaggc	tcctgggggc	tgtggagccc	gaggagccag	180
gcagagcggg	gtccttgggg	gccaagccca	tgcgtcggat	gctgtcctgg	tacttgcggc	240
ggccgagctc	caagactgcg	cgcacctctt	cagccacgtc	ctgccggtca	ctctgtctca	300
gggcctgcac	caggaagccc	cacagcccct	ggctgcccag	cctggcgctc	agcccaggag	360
aagagcatgt	gacggatctg	ctcatccaga	tcaccccga	actcgtgccg	gatgcgctgc	420
acctcccggg	aggacacccc	caggtgcagg	gccacggctg	gccagtccag	acccagacgc	480
ccagccacac	tcagcagggt	gctctgcgtc	agaaagccgg	tctcggcatc	tcccagattc	540
aagggtgcca	aggagaggcc	agccccccgc	cgtggccccct	cggaccctcg	aagtctcggc	600
agcttgatgg	gcagagtggc	catccacagg	gcgtctgcgc	ccttcctctg	ccgggcagcc	660
tcagcctcct	cgggcacccg	cacaggcacc	gcgccacggg	agaaggacac	ctccttcaca	720
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gcattccacgt	cgatgccgcg	ctcgaaggcc	gcaaagaact	cttcgccctc	gaacatctcc	840
accgtgtcag	agggctcggg	gccccgggtac	cgctccagca	gccgccgaag	ggtggcgctcc	900
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gcgatgagggt	tcacacgggtg	cagccgcagc	cgctcccagg	ccttccgagc	caggcctccc	1020
acacagttct	tgggtggtgta	ccagagccag	taccaggaga	agtgtgtgac	ctggaagcgt	1080
gcgtacagggt	gggtgagctc	caggaccacc	tgagctgtga	tgtcatccca	ggtggctgca	1140
ggagggggccc	agtacaacag	gtgcaggcgg	gagcggtcca	gactgaggcc	tgtgatgcca	1200
gagggcagag	gcagctgcac	ggtgaccggg	tggaggaagc	tggggggacc	gctctgtgac	1260
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aagatgactt	tgaccccagg	atgacccgag	gagcacagca	gtgtcccctc	cggtggcacc	1440
aggcaggcat	tggacacagg	gcgggaaacc	acaaggaacc	aggagaagtg	gggcacctgg	1500
cagtgcgccc	agagccgctg	gggtgcctct	tcctccagggt	aggtctccag	gtcaccccag	1560
ctgttgctcga	agtcnccgc	gagggctatc	atctcagt			1598

<210> 5852

<211> 1040

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (820)...(40)

<223> similar to gi200549 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 5852

ggaattcctg	tgctcatggc	ctgcatgacg	ctgctgcccc	cctgggttggg	aggcgctccc	60
ccaggccctc	ccggccccga	catctcctcg	ccctgcggtc	cctataaccc	ccactcccag	120
ggcctggtca	cctttgccac	ccagctcttc	aacttgctct	cgggtgaggg	ttacctggaa	180
tggtcccctc	tcttctatgg	cttctacccg	ccccgcccac	gcctggcggt	cacctacctg	240
tgctgggcct	ttgccgttgg	cctcatctgc	ctcctgctca	tcctgcateg	ctcggtgtct	300

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gggctgaagc agacactgct ggcggagtcc gaggctctga ccagctacag ccaccgggtg 360
ttctcggcct gggacttcgg tctctgcggg gacgtccacg tgcggctgcg ccagcgcac 420
atcttgtagc aattaaagg ggagctggag gagacagtgg tgcggcgcca ggctgcggtg 480
cggacgctgg gccagcaagc cagggttttg ttggtgcggg tgctgctcaa cctgctggtg 540
gtcgcgctcc tgggggcagc cttctatggc gtctactggg ctacgggggtg caccgtggag 600
ctgcaggaga tgccccttgt ccaggagtgg cactgctga agcttggggg gaattacctt 660
ccgtccatct tcatcgctgg ggtcaatttt gtgctgccgc ccgtgttcaa gctcattgct 720
ccactggagg gctacactcg gagtcgccag atcgttttta tctgctcag gttccagcct 780
cacggggatg gctgggaatg atgaagggtg ggggcgggtc gagggatgtt ggcgctgaca 840
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ccagggtcag tggctcacac ctgtaatccc agcacttttg gaggccgagg ctgaggtcag 960
gagttcgaga ccagcctgac aaacatgatg aaaccccgtc tgtagtaaaa atacgaatat 1020
tagcccggcc gtagtggtt 1040

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<210> 5853
<211> 1086
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (862)...(497)
<223> similar to gil911774 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

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```

<400> 5853
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aaactcttat tagatgctgc atgtactgtg ctatggacca cgcacataca gccatgctgt 120
ttcagaagac ttgaaatgcc attgatagtt taaaaactct acacccgatg gagaatcgag 180
gaagacaatt taatgtttca tctgaatcca gaggtgcac aaattaaatg acagctccac 240
ttggcaaata atagctgtta cttgatggta tccaagaaga aatgggttgg gatggataaa 300
ttcagaaatg cttccccaaa ggtgggtggg ttttaaaaag tttcagggtc caacccttgc 360
agaaaacact gatgcccaac aactgattc gcggtccagg aaacacgggt cttccaagtt 420
ccaaggggct ggggttcccc aacgatcaag ttcctgtgct gtaatcaaga gggtcctttg 480
gactggatag ggagcacttg ggagctgtac accatcagtc ataatggatg gcagtgtaaa 540
agatgatcca aatgaccatg aacaaggcaa aagagggtcat aaacccttcc ttcgtgagct 600
cccacgtgcc accatattct tctcatcaa tctgtaggta attgctgaag tagaggatca 660
ggactcctgc attgatcagg cagaatcctg ctattcccaa gaaccctcgt aatggcaaaa 720
ctccccaaat gacacccagg accacagcaa tgatctgtcg gaaccagtag atcacatcta 780
aaaattcatc cttatcctcc caggccgcgt cgctccgcag caccttactc cagacggaga 840
ctttgagggc ccggttgcc agctgcggct gaggcggctc ctcttccgc cggccgcgc 900
tcatcctccc gtgcgcgcgc cggggcggg cctggggcgc gcggtgtag ccaaagggtg 960
gtcgggtct agggtcgcag gtcacggcgc ggggcggctg caggctcagc ggcccggtcc 1020
tgcgggcgct gcggttcttc acaacctggc caagctaccc ggttgccgcc ggctctacag 1080
agcagg 1086

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<210> 5854
 <211> 701
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (667)...(663)
 <223> similar to gil345536 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 5854
 ggaattcaag acgccaagat ggcgacgagt cagtatttcg acttcgcgca gggcggcggc 60
 ccgcagtaca gcacctcct ggaggacggg acttttgtct ggttattccc cgctgctgtg 120
 acagcgccca tgacagcagc tgggtccccac tggcaccacg gaagtattta tccaatgact 180
 caatgaatct gccgcccgat cgcgcgggac tgcttttact ttctgtcagt ccagaagtgg 240
 agaccactcc cccggccctt gcatctgggc ttcttgtgc cctgccttgg acagttggct 300
 gcagtggaag tgacgtctgt actgccctgt gcccaagctt aagaggcctt gcctgcatct 360
 gctccatctt atgggaccct gcctgggtgaa ggacccaagg ctggcctgct ggaggaggag 420
 atataaggag aagagtcaca gtgccccatc caacaggtag ctgccctcca ggggcagaga 480
 agcccagcca tggtcaggag agccacccag ctgaggccca cctccaccag gattgccacc 540
 cagctgaacc ccacctcagc caggagagcc acccagctga gccccatctg gccaggagag 600
 ccatccagct gagccccacc tctgccagga ttgccacca gctgagcccc gccttggcca 660
 ggagagccac ccagctgagc cccgccttgg ccagaaaaag g 701

<210> 5855
 <211> 427
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (210)...(5)
 <223> similar to gi3319905 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 5855
 ggatattggc ccctcactgc agctgccaac acttggtcag tcaactctcag ccatagcact 60
 ttgttcaactg acctgtgtca cagcactgag ctccaccctt ttctgagagt tattacagcc 120
 aaaaagtgtg ggctgaagat ggttggtttc atgtttctgt attatgtatc tttttgtatg 180
 gtaaacacta tattctgtac ttaaccagat ctatttttac ccagatggg gatattcttt 240
 gtaaaaaatg aacataaagc ttttttaatg gaagagcact acacaggggg cgccgatcta 300
 gaggactcct tgctggaccc agttttacac gaggctgaga gctgttactg cctgccttat 360
 atggagctga attattccct ggctggggat actgggtaag gaacctttat tctgcgtagt 420
 aacaaaa

004037.04300

<210> 5856
<211> 829
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (619)...(191)
<223> similar to gil619936 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 5856
actagagaga aaaacgtatc ataaatcctt atgttgccca ctttaacaat tgccaacata 60
tgaccataac aattaacaac atatgactaa tcttatttca cctttaccta cctccctcat 120
tagtttgaat cagattgcag ttattttatt tgtaaatatt tcagtattct gatattcagt 180
tgatcttttt tgtttatcct tctgccaggg ccatactatc ttgattactg gaggggtata 240
ttaagtatag aaggcaggta ggttaaattc cccaattttt ttctcagcta ttctgggact 300
tttgccctaag tcaaatttaa aattcttctg tcagtttcta gaaagaagcc ttctgggact 360
ttgatttctt tttcatttct tgtgaaacaa atatcagatg ggcttttgat tttgattgca 420
ttgaatctaa aggtcaattc tgggagaatt gacatccttg acaatagtct tttgatccat 480
gaatgtggtg tatctctccc tttatttagg tcttttaggt ctctcaatat tttctagttt 540
tcagtataca aatcctgcac atctcttggg acatagattt ctaaataatt catgcttttt 600
gctgctattg tgaagttctt aaaaagtaaa tttttaattg tttgttgata gtatgtatgc 660
tttaagtagt gaattatctt tttagaaaat taaaacatga gagaaaaggc cttgggtttt 720
tatattatgt taaaaatatt agttttgttt acacattctt ctggtgtgct ttattgtctg 780
tagaaatggt accctgcagc ctgggcaaaa tagtgagaaa ctatctctc 829

<210> 5857
<211> 1344
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (777)...(103)
<223> similar to gi2648022 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 5857
tttttttttg ccaggtgttt ttacatttta ttagctacag tatagatcct agagctgcct 60
cattccctcc cctccctcc cctccccca ccatggaggt caggccttgc caggagcccc 120
tgcctttgct gcctgggccc gctggaactc ctgctgcagc tgagcaaggg tctccctctg 180
ttgctctgac tgccgctcaa gatcccgaag ctgggattcg tatcgcttac taaggagaga 240
caagggagac aagcagaaa ggagaaatta gtaggactca ctatggagag tgctaaacgc 300

aagaaagaga	taggtggaaa	acttgagatc	caggggaggg	agaagaaggg	gggttaaaag	360
ggaaggaaa	gggttgagga	actggaggac	tagggggccac	tatggagagc	tggttctgcaa	420
tggttcaaca	cctctactcc	aatgggttcac	ttgcatcaca	gggtgcagca	cacgggtggtg	480
gaataaaaac	tcacatttca	gctgtgatat	agtccagcct	cttccctact	gtggcccag	540
cctccccag	ctcctgtttg	actagcaccg	gacccagaag	tttaaagacc	acgttggacc	600
catccagcag	ggccagttcc	tgatggaggg	atgggacata	tgtgatcaga	accatggcta	660
gtacagggtcc	ctcctcgccc	cacaaatccc	agtccctcac	ctctttcacg	atattattttt	720
ctgttagttg	tgtttcaagt	ttctgcctcc	ccgacatgga	tttacttaag	tctgggggatg	780
agaggaaagg	caatttagaa	acatcaaagt	tgccacctat	ccccacaatc	ctagtcaggt	840
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<210> 5858
 <211> 1522
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (162)...(760)
 <223> similar to gi5824504 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters -

<400> 5858	
aaccccgccc	cattatattt atcaccccc cccttcagcg gaatggggcc cccggccccc 60
ccccacacac	agttattctc taatttgtat ataaatttca cttttaagca tttttttttt 120
ttttaagaaa	taataatata ttttaatgca agagaaatca tagccctggt acacaccctt 180
tccccgatct	gtcctgcctg gggatgtgtt tatgggtgagt gtgtccccag gactggtagt 240
cacctggctg	tccgggtccc cgccctaactg ggcgcagcat gcctgtcccc agcattacat 300
tcaactgctg	ctctggctct cgagaggccg gctggcctcg ggccctccggc ttggcgttct 360
ttgctccctt	gtctccctgc taaggccagc agggccaaac tgctaggcca ggtcagccag 420
ggctggggga	atgggctgta cctgtctct cccagggcac gactgtcccc ccggggctcc 480
atcacccggg	ggggcgagag gtctgtggg gcagctctgt gggccacagg atccccccgc 540
accactgca	tctctctgcc caggggtgct gcctcatagg atgccccgcg ccacagagtc 600
tctctgcccc	gggcgcccgc ctcacagctg gtccctgctc acccagatgg tcttgctgtg 660
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gttgactgt	accagaagtc	tgcaatgaaa	actctagctc	agctcttctc	tggggctcaa	1980
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aaggtattaa	atgcaagtgc	aatccctgaa	gggcaattca	ttgatagcaa	gaaggcctct	2340
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ttcaggcaaa	agtgaatct	tataagagac	aagctgagga	ggctgaggaa	caatccaaca	5880
ccaatctagc	taaattccgc	aagctccagc	atgagctgga	ggaggccgag	gaacgggctg	5940
acattgctga	gtcccagggtg	aacaaactgc	gggtgaagag	ccgggagggtt	cacacaaaag	6000
tcataagtga	agagtgatca	tgtcctgatg	ccatggaatg	actgaagaca	ggcacaaaat	6060
gtgacatctt	tggctatttc	cctctgtaat	tattgtgtat	tctaccctgt	tgcaaaaggaa	6120
ataaagcata	gggtagtttg	caaacaaaaa	aaaaa			6155

```

<210> 5860
<211> 1447
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(1448)
<223> n = a,t,c or g

<220>
<221> misc_feature
<222> (498)...(887)
<223> similar to gi219671 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

<400> 5860						
tagtagaggc	ggggtttcac	catgttggcc	aggctgagtc	ttgcgcacgg	gacctcaaga	60
gatatgcctg	cctcagcctc	ccaaagtgtc	gggattacag	gcgtgagtac	tccgtgcccc	120
gtcaatTTTT	gtatttttag	tagagacggg	gtttcaccat	gttggtcagg	ctggtctcaa	180
acttctgacc	tcatgatctg	cccacctcgg	cctcccaaag	tgctgggatt	gcaggcgtaa	240
cacnccgcgc	ccaagcta	ttttaaaaat	attttataga	gacagggtctc	actatgttgc	300
ccaggctcgt	cttgaacccc	tgggcccagg	cgctcctccc	accttgacct	cccaaagttc	360
tggaattaca	catgtgagcc	aacacaccag	gcccagactg	ggtaatttat	aaagaaattt	420
acttctgccc	acaccggccc	gcctccccgc	ggcgagtggc	tgaggcgtag	cgctgccatc	480
cccgcacccc	tgggaacatg	gcgctgcgag	tggtgcggag	cgtgcggggc	gtgctctgca	540
gcctgcacgt	ggtcctggca	cctgccgcgc	cctgcctatc	gaggccctgg	cagcttgggg	600
tgggcgcggt	ctggttactg	taatctgcct	gaagttggga	caaaattgaa	caaacaagat	660
gagtttggtg	ctttggagag	tgtgaaagct	gctagtgaac	tctattctcc	tttatcagga	720
gaagtaaccg	aaattaatga	agctcttgca	gaaaatccag	gacttgtaaa	caaatactgt	780
tatgaagatg	gttggtgat	caagatgaca	ctgagtaacc	cttcataact	agatgaactt	840
atgagtgaag	aagcatatga	gaaatacata	aatctattg	aggagtga	atggaaccac	900
taaataagct	agtatgaaat	aacgcaaccc	agcagagttg	tcctaaatta	gtggtggata	960



JCS98 U.S. PTO
09/488725
01/21/00

09488725 "01.2.1.00

```
gaagacttag aatagcaact tttagcatta cccatgggaa aaaaaaacta ctgttaacac 1020
tgctaatagaa agaagatgcc ttttaacttt ctaatgattg tagataaaca taatatgtgt 1080
ctttttcaca acatcctatg atttttagac taggctctag tattcatgaa attatccatg 1140
aaattatcca tggtaaaaaat tagttacaaa aattacataa ttcaaagata atgttggttat 1200
tcttaagcct tatataatat tgtaacttgt gtatgtccat acctggattt gggatgaaat 1260
acttaatgat ctttccattg gaaataactg ggagtgaaga agtttttggt gcttgtagag 1320
gtcagatga agaacaacac tatcttaatt ttgcaatata ctgcatttgc tggtgctgtt 1380
tttatatagt gaagcaacag ctgtacagca aaataataaa atactcactt cttcgttaaa 1440
aaaaaaa 1447
```

<210> 5861
<211> 1498
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (245)...(1285)
<223> similar to gil088448 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```
<400> 5861
tttcgtcaca taggcacaca gagatacgcg cacacacaca cacaaacgca ctgagatttc 60
ccggaccctg gttttcctcc tgtgaccctt tcggggcgcg gctctcacc taaagaagca 120
gccccgccct ggggtggccc caccctctct tgggacctgt cataagtcgg accccggcg 180
ccggctgctg cagtccagc cgccttcccc aggcagtgga accttcgggc tcctgagctt 240
caggatggtt cgtactaaga catggaccct gaagaagcac tttgttggt atcctactaa 300
tagtgacttt gagttgaaga catctgagct cccaccctta aaaaatggag aggtcctgct 360
tgaagctttg ttcttcaccg tggatcccta catgagagtg gcagccaaaa gattgaagga 420
aggtgataca atgatggggc agcaagtggc caaagttgtg gaaagtaaaa atgtagccct 480
accaaaagga actattgtac tggcttctcc aggcctggaca acgcactcca tttctgatgg 540
gaaagatctg gaaaagctgc tgacagagtg gccagacaca ataccactgt ctttggctct 600
ggggacagtt ggcatgccag gcctgactgc ctactttggc ctacttgaaa tctgtggtgt 660
gaaggggtgga gaaacagtga tgggttaatgc agcagctgga gctgtgggct cagtcgtggg 720
gcagattgca aagctcaagg gctgcaaagt tgttgaggca gtagggctct atgaaaaggt 780
tgctacctt caaaagcttg gatttgatgt cgtctttaac tacaagacgg tagagtcttt 840
ggaagaaacc ttgaagaaag cgtctcctga tggttatgat tgttattttg ataagttagg 900
tggagagttt tcaaacactg ttatcggcc gatgaagaaa tttggaagga ttgccatatg 960
tggagccatc tctacatata acagaaccgg ccacttccc ccaggccac cccagagat 1020
tggatatctat caggagcttc gcatggaagc ttttgcgtc taccgctggc aaggagatgc 1080
ccgccaaaaa gctctgaagg acttgctgaa atgggtctta gagcttcctt actttgtaat 1140
tgactgactt caagcaaata ctcttgtcta taaatccatg aagagtgcta agccatcact 1200
ggaatacatt agcgaaaaac ttgtatcagg gtaaaatcca gtacaaggaa tatatcattg 1260
aaggatttga aaacatgcc gctgcattta tgggaatgct gaaaggagat aatttgggga 1320
agacaatagt gaaagcatga aaaagaggac acatggaatc tggaggccat ttagatgatt 1380
agttaatttg tttttcacca tttagcaaaa atgtatacta ccttaaatgt ctttaagaaat 1440
agtactcata atgagtttga gctacttaat aaaatacatt taagtggtaa aaaaaaaa 1498
```

<210> 5862
 <211> 1188
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (1136)...(372)
 <223> similar to gil813880 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 5862
 ttgagcccca agaggcagag gttgccgtga gccaaagatca cgccactgca ctccagccag 60
 ggtggcagag cgaaaccttg tctcaaaaaca acaacaaaaa agaagtaaac agctggtaaa 120
 gcaacctagc ctaaaactta caaagtagca gagtgaacac atatgtgcat gcacacacac 180
 acacacacaa cacacatata cacagatgag agtagcacac acgccaaaga tacatcaagc 240
 aagtgtcttt ttaatcaata catcaaatga tatttttgct agcctgagga agcttctctt 300
 tgctgtcctt atcattccca cccattgcct cacagggatg gaaagaaatt ccttcttgga 360
 cccaacatta gataaacata accaagtctt tacatgtggc ttgggagaag gctgctagga 420
 tgcttgcgaa cacgacatcg ggggtctggg atgcatcgat ggcgagtggt atcccccggt 480
 tcctgtagta cttctatgag tggggtgggt ttgagtgtgg gtagggcttg caggcgggat 540
 tttcaagggc ctttttcatt tatcatcttg atcgacggga tcaaggggtt ccccggttga 600
 ttgtcatctt ttcattgggg ctcttttggg aggggttgaa ctctctgtgg gtagggaacg 660
 gccactcttt gggggtgaaa tcagccattt ctgctgtcct cacagtccga ggggaagccat 720
 ccagaagaaa accatttttg cacaaggggg tctccaaatt cttctcaatg agctccacta 780
 ccatttcatt actcaccagt ttcccagcat ccattagttg cttcagcttt tttcctagct 840
 ctgagccaga agccaccatg gccctcagca tgtccccagt agctaaatgg cagacacaga 900
 agttttcagc caatctgggt gcctggggca gtagatagca gcagaaagag caggagcttt 960
 ggagtcattc agatgcaagc tctgtaaatt acttgctatg tagcctagag aacaagccat 1020
 tcaaacttca gtttctccaa ctgggtccct ttaccggccc cgggaggccc cagcagcacg 1080
 gcccgatgc ctttaggata ctcggttct gccgctggca cgctgggagc catgtccgcc 1140
 gaagtctctc actgaacacc agttcgcacg cctcacaggt ccacgaaa 1188

<210> 5863
 <211> 2134
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (287)...(703)
 <223> similar to gil890141 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 5863

```

ggaattcggg tgaggctctc tcattccaga tatggagact aaaaagttca agatggaagt 60
aatagcaaaa aaattacagt actaatcaca acagctacca tttctcagca ttagacacag 120
taactgtatg aaagaagtat gattattagg tctgttttac agatgaggaa actgagaccc 180
agaaagggtg aagcacttgt ctaagggtcac gcctccagga agcagtgtgt ccacgactcc 240
agtccaagtg gtcaggctcc agagcccaca gtcccagggg tccatgatgc cgagctgcaa 300
tcgttcctgc agctgcagcc gcggccccag cgtggaggat ggcaagtggg atgggggtccg 360
ctcctacctg cacctcttct atgaggactg tgcaggcact gctctcagcg acgaccctga 420
gggacctccg gtcctgtgcc cccgccggcc ctggccctca ctgtgttgga agatcagcct 480
gtcctcgggg accctgcttc tgattgctgg gtgtggcggc tctgaccact ggctatgcag 540
tgccccccaa gctggagggg atcggtgagg gtgagttcct ggtgttgga cagcgggcag 600
ccgactacaa ccaggccctg ggcacctgtc gcctggcagg cacagcgctc tgtgtggcag 660
ctggagttct gctcgccatc tgcctcttct gggccatgat aggctggctg agccaggaca 720
ccaaggcaga gcccttgga cccgaagccg acagccacgt ggaggtcttc ggggatgagc 780
cagagcagca gttgtcacc attttccgca atgccagtgg ccagtcattg ttctcgccac 840
ccgccagccc ctttgggcaa tcttctgtgc agactatcca gcccaagagg gactcctgag 900
ctgccacat ggctaagat gtgggtcctg gatccttccc cttctcacc ataaccctct 960
ctcagtgttt ccccaacttc tcccttttag cagggtccct ttagagccca actccaggtc 1020
aaatctggag ctcaaattcc agtgctccct cccaggagt ggggccccaa ctcttccaag 1080
ataccagcat tcctcaagtc ctcccaaac ttctaccca caccctcttc ccaaggccct 1140
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aaacccttgc cttttcaagc catcagctcc tgcctctctg ccatgagggc tttggatcag 1260
attcctcttc tcgccaggat gaggacacgc actgccctcc atagacacag atgaaggggt 1320
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cagcctcctc ctggggccagc tcttgtgcta cagggtggggc ggagccagcc cctcaccttc 1620
ctgggtccct gagggtcctc aggggtggagg acagggtttg ccagaaaaga ctagccagag 1680
gcctgatggg cccagggtgc tctggatata ctttgatat ggatttaaag ggtctctaag 1740
agccgggggt agggggcagg aaaagtgggt tgtctttgcc cctcaaagtc cacctaccta 1800
gaaaccaagc ccacggtctt ggccgtgacc ctgataataa atgggctctc tcagaggcgc 1860
cagccctcc ctccccagcc ggaggcgtca tctctcttct gtaccactag agggagctct 1920
gatgcagctg gagagcagcg ctcaaggctc tcgcccctcc cctccctaac ccttaccttc 1980
agtctccacc agcctgaagg gcctcctagg ggatcctcag gcggccccca ccagggcaca 2040
ccctactgtc cttgtgcctc acgccccctc ctcatcctgc accccttcca tcccaccttc 2100
cctttcaata aacagctggg atggaaaaaa aaaa 2134

```

<210> 5864
 <211> 1936
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1818)...(107)
 <223> similar to gi4884092 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

```

<400> 5864
tttttttttt ttgctagttg tatataaaat ttaatctcac cgaatgtaca gttttcaaat 60

```

```

ttcacgtgta  tattaaggaa  ctgatgcac  tgagcattgt  caaacaacg  ggaagaagaa  120
gttaaagggc  agcctggcat  tgatggctgg  tggagctctg  aagcctgcct  ctgcagggtg  180
agacacatcc  acaaaagtaa  ccgcagtggg  aataagaatc  gtcctttcat  ttcctgagtt  240
ggcctcagga  aaggaggatg  aaattagatt  tgcagttaca  ttgactattt  tggcctgtgg  300
attcagcagg  gatccgtatt  tagtccactt  cacttctata  accaaagccc  ctgggagctg  360
gcaggaatcc  ttcctgttga  atgactgggt  gatgaagtgg  atggggcacc  agtccagcat  420
gtccctgggc  cctgggaatt  tccaaaagg  gccacgtaat  ctgggaagcc  ctggccccc  480
agcaggctct  tcaccttctg  tgctacgagc  tgacacggga  gagctccagt  cagtcttagt  540
ttacagccag  attgcatagt  gtaaccaa  aatactggg  tccggacccc  ctccagtgt  600
aagcagtctt  gctcagttgt  gctatgaaga  atagtaagct  gtccatatct  atttgtggtc  660
tgaataatcc  cagacccctt  atgaggctgg  aatccagcag  ctaatgggag  ccccacgaca  720
taaccagggt  ttccactgag  agggactggc  tgggtatttt  cctgaagaaa  atgaatttca  780
aacttttgct  gcagtgggac  cactacgctg  ctaactgtcc  ccagaacgaa  tgagagatca  840
gcttttggtga  cttcacctgc  atctgtgtat  gtgaggctgt  actttacctc  aagaacaaca  900
ttcacgcaaa  ggctaaagt  tccagcggtg  acgagagctg  gctgcagcac  atcagtgtcc  960
tcccgctggg  tgagcgttt  atttagagac  tgaatgacga  tggactgaac  agtgataggg  1020
accttttttc  ttgaatcagg  taccctcaga  atttccgggc  tgctgtaaaa  agccatgctg  1080
agggttcaa  tttcttcaca  ctgttctaaa  tttatttttc  tgggtgactt  aacagcctgg  1140
ttcaccagaa  acgctgcagg  gttattatca  gtgcacagag  atgatgtcag  ggacgaagga  1200
aatctcagaa  acgaatctga  agtctgcaga  ggaaccccat  actcatattt  agcagcagta  1260
ggaatatcca  gtttggttgt  gaaggaaaca  tatgattcag  cattcaatgt  aaaaccatca  1320
gatgttttca  tcaatgtatc  aaaattgttt  tcatcaggta  cttctggatt  aataaaggat  1380
aatgcagggt  tatagtttgt  aatatgaatg  cagaaaatag  atggattaat  ctggtcaaca  1440
agttcaaata  ctctttgagg  tgggtttgct  gtaaaattca  atgaatagat  gactgctttt  1500
tgactacaaa  actggctgtc  gcccgtagca  actggaactg  agcaggcaga  aaagacactg  1560
aaatccacgg  agctgcagtc  gggatcacag  cagcagttga  tgctcacactg  tgctggggat  1620
aagtcacaga  cacagagaac  agcaacgtcc  gtgactggg  taggcctggg  gccggaggag  1680
ggccctggag  ccctgggagt  cccggggggc  ctggtcgacg  ggaaagttcc  gaaggtggcc  1740
agggctgcct  cgggtggagt  gaggcctct  gtcgtcaccg  ccggggtggc  atcgggtctg  1800
gcgctcacgg  aggccagca  gccaggagc  accaccagga  gcggcgggag  acctcgcggc  1860
ctcatctccc  agggagtccc  agcgaggccc  gcgacatgga  cagcgcggtg  cccggcaacc  1920
gcgacagcca  ggcgcg  1936

```

```

<210> 5865
<211> 2697
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (402)...(2303)
<223> similar to gi4886493 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 5865
caaggtgcgg  cgggtagtgt  actcattcga  aggagaatac  cccaattca  ctagacgagc  60
ccctaattgg  ggggtgcgg  ccgggcgcgc  tctttcctcc  ccctttccac  cagcactgcc  120
ctcagttctg  cttctagcca  cgccctttcg  cgttcacgtc  cagcgccctg  gcgggattga  180
tttgaggacg  actggactgc  cattgcgcct  gcgcagggag  cccaaggcaa  gagccgctag  240
gctgccctgc  ccgaagggt  caactgtcag  tgagcctgcg  caggaggcca  ataggctgcc  300

```


aataactcctt	ggactccccg	ccagggccct	gctgtcagtg	cgctcgcg	cggttccggc	360
gccgaggttc	ttgactgctg	tgccggacgc	caggtgtagc	catgcagcga	gccgattccg	420
agcagccctc	caagcgtccc	cgttgcgatg	acagcccag	aacccccca	aacacccctt	480
ccgcagaggg	agactggtcc	ccgggccttg	aactccatcc	cgactacaag	acatggggtc	540
cggagcaggt	gtgctccttc	ctcaggcgcg	gtggctttga	agagccgggtg	ctgctgaaga	600
acatccgaga	aaatgaaatc	acaggcgcac	tactgccttg	tcttgatgag	tctcgttttg	660
aaaatccttg	agtaagtcc	ttgggggaga	ggaagaagct	gcttagttat	atccagcgat	720
tggttcaaat	ccacgttgat	acaatgaagg	taattaatga	tcctatccat	ggccacattg	780
agctccaccc	tctcctcgtc	cgaatcattg	atacacctca	atttcaacgt	cttcgatata	840
tcaaacagct	gggaggtggt	tactatgttt	ttccaggagc	ttcacacaat	cgatttgagc	900
atagtctagg	ggtggggtat	ctagcaggat	gtctagttca	cgactgggt	gaaaaacaac	960
cagagctgca	gataagtga	cgagatgttc	tctgtgttca	gattgctgga	ctttgtcatg	1020
atctcgggtca	tgggccattt	tctcacatgt	ttgatggacg	atttattcca	cttgctcgcc	1080
cggaggtgaa	atggacgcac	gaacaaggct	cagttatgat	gtttgagcac	cttattaatt	1140
ctaattggaat	taagcctgtc	atggaacaat	atggtctcat	ccctgaagaa	gatatttgct	1200
ttataaagg	acaaattgta	ggaccacttg	aatcacctgt	cgaagattca	ttgtggccat	1260
ataaaggcg	tctgaaaac	aaaagcttcc	tttatgagat	agtatcta	aaaagaaatg	1320
gcattgtagt	ggacaaatgg	gattattttg	ccaggcagtg	ccatcatctt	ggaattccaa	1380
ataattttga	ttacaagcgc	tttattaagt	ttgcccgtgt	ctgtgaagta	gacaatgagt	1440
tgcgtatttg	tgctagagat	aagggaagttg	gaaatctgta	tgacatgttc	cacactcgca	1500
actctttaca	ccgtagagct	tatcaacaca	aagttggcaa	cattattgat	acaatgatta	1560
cagatgcttt	cctcaaagca	gatgactaca	tagagattac	aggtgctgga	ggaaaaaagt	1620
atcgcatctt	tacagcaatt	gacgacatgg	aagcctatac	taagctgaca	gataacattt	1680
ttctggagat	tttatactct	actgatccca	aattgaaaga	cgacagagag	attttaaaac	1740
aaattgaata	ccgtaatcta	ttcaagtatg	tgggtgagac	gcagccaaca	ggacaaataa	1800
agattaaaag	ggaggactat	gaatctcttc	caaaagaggt	tgccagtgtc	aaacccaaag	1860
tattgctaga	cgtgaaactg	aaggctgaag	attttatagt	ggatgttatc	aacatggatt	1920
atggaatgca	agaaaaagaat	ccaattgatc	atgttagctt	ctattgtaag	actgccccca	1980
acagagcaat	caggattact	aaaaaccagg	tttcacaact	tctgccaaaga	gaaatttgca	2040
gagcaggctg	attcgagtat	attgtaagaa	ggtggacaga	aagagtttgt	atgccggcaa	2100
gacaatat	tgttcagtg	gtgtgcagac	aggaaatttc	acccaagccg	caggatgggc	2160
gatgttatta	gcccccaact	ccataacacc	ctcaaaaaaa	gggatgggaa	cgacagtacc	2220
ttcagtccca	aaatcccaac	tcgcctcccg	aggaggcttc	ccaaaagcag	agtcccagct	2280
ttttaaagat	gacccaatgt	gaatgtctgt	agtcagttgt	ttacaaactc	cctctcctgc	2340
acaattcatt	tagaggtctc	aatcataaaa	ttctgcaaaa	taatgacaac	tcagtcttta	2400
attttgtatt	ttgaatgtac	acgcagtctg	aagtcagaata	acttttaate	aaagaaataa	2460
gatggtatta	gggcaaatct	tactatacta	tgaaaagcat	taccttgcct	atttttaata	2520
ttattaaagc	ctttctcctt	caaaaaaaaa	aaaaagggcg	gggcgcttaa	aagatccctc	2580
aggggggcca	aaataacccc	gagacgcca	gctgtaagct	tttcccttat	gagggcctaa	2640
ttataaacca	aacttggaac	cttttgga	ggaccttaac	ttcgggggag	cacaaaa	2697

```
<210> 5866
<211> 3464
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(3465)
<223> n = a,t,c or g

<220>
<221> misc feature
```

<222> (1430)...(3052)

<223> similar to gi4773880 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 5866

atgcagtggt	cagtgataat	ggaataacttg	aaagtaatcc	cctcactcca	ggaactagt	60
ctcagctagc	agaactaata	gccctcactt	gggcactaga	attaggagaa	gaaaaaagg	120
caaatatata	tacagactct	aaatatgctt	acctagtcct	ccatgcccac	gcagcaatat	180
ggaaagaaaag	ggaattccta	acttctgaga	gaacacctat	caaacatcag	gaagccatta	240
ggaaattatt	attggctgta	cagaaaccta	aagaggtggc	agtcttacac	tgccgggggtc	300
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<223> similar to gi31958 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

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gttcagtcgt	gaacatggag	tgggacaaaa	tctgggcggt	taacaaaaag	gttattgacc	1620
cagtggctcc	acgatatggt	gcattactga	agaaagaagt	gatcccagtg	aatgtacctg	1680
aagctcagga	ggagatgaaa	gaagtagcca	aacacccaaa	gaatcctgag	gttggcttga	1740
agcctgtgtg	gtatagtccc	aaagttttca	ttgaagggtgc	tgatgcagag	actttttcgg	1800
agggtagagat	ggttacattt	ataaattggg	gcaacctcaa	cattacaaaa	atacacaaaa	1860
atgcagatgg	aaaaatcata	tctcttgatg	caaagttgaa	tttggaatac	aaagactaca	1920
agaaaaccac	taaggtcact	tggcttgacg	agctacacac	tgctcttctc	attccagtaa	1980
tctgtgtcac	ttatgagcac	ttgatcacia	agccagtgct	aggaaaagac	gaggacttta	2040
agcagtatgt	caacaagaac	agtaagcatg	aagagctaatt	gctaggggat	cctgccttta	2100
aggatttgaa	aaaaggagat	attatacaac	tccagagaag	aggattcttc	atatgtgatc	2160
aaccttatga	acctgttagc	ccatataggt	gcaagggaagc	cccgtgtgtt	ttgatataca	2220
ttcctgatgg	gcacacaaa	gaaatgccaa	catcagggtc	aaaggaaaag	accaaagtag	2280
aagccacaaa	aatgagacc	tctgtctcct	ttaaggaaa	accaacacct	tctctgaata	2340
ataattgtac	tacatctgag	gattccttgg	tcctttacaa	tagagtggct	gttcaaggag	2400
atgtggttcg	tgaattaaaa	gccaaagaa	caccaaagga	agatgtagat	gcagctgtaa	2460
aacagctttt	gtctttgaaa	gctgaatata	aggagaaaac	tggccaggaa	tataaacctg	2520
gaaaccctcc	tgctgaaata	ggacagaata	tttcttctaa	ttcctcagca	agtattctgg	2580
aaagtaaatc	tctgtatgat	gaagttgctg	cacaagggga	ggtgggttcgt	aagctaaaag	2640
ctgaaaaatc	ccctaaggct	aaaataaatg	aagctgtaga	atgcttactg	tccctgaagg	2700
ctcagtataa	agaaaaaact	gggaaggagt	acatacctgg	tcagccccc	ttatctcaaa	2760
gttcggattc	aagcccaacc	agaaattctg	aacctgctgg	tttagaaaac	ccagaagcga	2820
aagtactttt	tgacaaagta	gcttctcaag	gggaagtagt	tcggaaactt	aaaactgaaa	2880
aagcccctaa	ggatcaagta	gatatagctg	ttcaagaact	ccttcagcta	aaggcacagt	2940
acaagtcttt	gataggagta	gagtataaag	ctgtgtcggc	cactggagct	gaggacaaag	3000
ataagaagaa	gaaagaaaaa	gaaaataaat	ctgaaaagca	gaataagcct	cagaaacaaa	3060
atgatggcca	aaggaaagac	ccttctaaaa	accaaggagg	tgggctctca	tcaagtggag	3120
caggagaagg	gcaggggcct	aagaaacaga	ccaggttggg	tcttgaggca	aaaaaaagaa	3180
gaaaatcttg	ctgattggta	ttctcaggtc	atcacaaagt	cagaaatgat	tgaataccat	3240
gacataagtg	gctgttatat	tcttcgtccc	tgggcctatg	ccatttggga	agccatcaag	3300
gacttttttg	atgctgagat	caagaaactt	ggtgttgaaa	actgctactt	ccccatgttt	3360
gtgtctcaaa	gtgcattaga	gaaagagaag	actcatgttg	ctgactttgc	cccagagggt	3420
gcttgggtta	caagatctgg	caaaaccgag	ctggcagaac	caattgccat	tcgtcctact	3480
agtgaacag	taatgtatcc	tgcatatgca	aaatgggtac	agtcacacag	agacctgcc	3540
atcaagctca	atcagtggtg	caatgtgggtg	cgttgggaat	tcaagcatcc	tcagcctttc	3600

SECRET

<211> 1368

<212> DNA

<213> Homo sapiens

<220>

<221> misc feature

$$\langle 222 \rangle \quad (366)^{-} \dots (1222)$$

```
<223> similar to gi241467 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters
```

<400> 5869

4411

tagtcaaggt	taatgctcct	ttttctttat	cccaaatacag	atagcgttta	ggctcttttt	720
catcaaata	aaaaatccag	cccagttcat	ggctcatttg	gcagcaaccc	tgagatgctt	780
tacagcccta	gaccctaaaa	ggtcaaaaag	ccgtcttatt	ctcaatatac	attttattac	840
ccaatctgct	cccagacatta	aataaaaact	caaaaattaa	attccggccc	tcaaacccca	900
caacaggatt	taattaacct	cgctttcaag	gtgtacaata	atagaaaaaa	gtttcaattc	960
cttgctcca	ctgtgagaca	aaccccagcc	acatcttcca	gcacacaaga	acttccaaac	1020
ggctggaccg	gcagcagcca	ggcggttcct	ccagaacctc	ctcccacagg	agcttgctac	1080
acgtgccgga	aatctgggca	ctgggcaagg	gaatgcccg	agcctgggat	tcctcctaag	1140
ccacgtccca	tctgtgtggg	accccactga	aaatctgact	gttcaacttc	acctgggcag	1200
ccactcccag	agcccctgga	actctggccc	aaggctctct	gactgactcc	ttcccagatc	1260
ttgggcttag	cagcttgaag	actgacactg	cccgatcgcc	tcggaagccc	cggagaccat	1320
cacggacgcc	gagctgccag	taactctcac	agtggaaagt	atctgggtc		1368

<210> 5870
 <211> 1553
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (373)...(1306)
 <223> similar to gi2183323 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 5870						
cgcgctccg	gacgcgtgga	cggacgcgtg	ggcgctctctt	ggcccgcgct	taaggccctc	60
gccccgggct	tgtgggtcct	cctccccctc	ccactgacaa	ctgccccaac	tgctcttccc	120
gccccgggtca	cagtgaaaat	gtagacgggg	tcgttgctcg	tacgactgtg	cgccagggct	180
cggggagggg	cgccctccgc	gtgagcgccc	ccctgggaat	attgaacata	atcacctctc	240
attccagact	atgttaggtc	ttaatggtgg	gaggacgccc	gagtgtctcg	cccgtttcac	300
cccaggagg	aaggacactg	ggtcatgacg	ccatcagagg	gcgccagagc	agggaccgga	360
cgcgagttgg	agatgtttga	ctcgctgttg	gccttggg	gcctgggtgct	gcttcgggat	420
tcggtggagt	gggagggg	cagtcctctt	aaggcgcttg	tcaagaaatc	tgactgtgt	480
ggggagcaag	tgcatatcct	gggctgtgaa	gtgagcgagg	aagagtttcg	tgaaggtttt	540
gactctgata	tcaacaatcg	gctggtttac	catgacttct	tcagagaccc	tctcaactgg	600
tcaaaaactg	aggaggccct	tcctgggggg	ccgctgggag	ccttgagagc	catgtgcaag	660
aggacagatc	ctgttcctgt	caccattgct	ctcgattcac	tcagctggct	gctacttcgc	720
cttccctgca	ccacactctg	ccaggctcct	catgctgtga	gccatcagga	ctcttgctct	780
ggtgacagct	cctcagtg	gaaagtga	gtgctgggct	tgctacatga	agagcttcat	840
ggaccaggcc	ctgtgggagc	tctcagcagc	cttgctcaga	ctgaggtgac	cctgggcggg	900
accatggg	aggcctcg	ccacatcctg	tgtcggaggc	cccagacagc	cccaactgac	960
cagactcagt	ggttctccat	ccttcgggac	ttcagcctgg	atctccaaga	ggggccctct	1020
gtagagtccc	agccctactc	cgatcctcat	ataccccg	tatctaagaa	tgccaaggcc	1080
agaacaagga	aatgtagttt	agtatctggt	cacgggagag	aaaataaaaag	ctgcagaggt	1140
tgggggtggg	gtcagggatt	ctagggatgg	ggcagagtgg	cagcatcctt	tgtacctaca	1200
ggtggatccc	acaactcatt	tgacctttaa	ccttcacctg	tccaagaaag	agagagaagc	1260
cagagatagc	ctgatcctgc	ccttcaggtt	cagttctgaa	aagtaagggt	gggacctggg	1320
tacgtggatc	cctgagtaga	tcccagcatc	tgggccatgg	agaggttggg	gcaacagggt	1380
attgattaac	ctgactttat	agggactgaa	gtccacctcc	agagacaagt	ccaagttctt	1440
gatccaccca	ttccccctat	aatggcagag	gacctttatg	tctcttttct	ctcccttata	1500

<210> 5872
 <211> 774
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (202)...(774)
 <223> similar to gil389766 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 5872
 ggaggaaaca cacattaaaa ataaattaaa accttaatta ttttaattaca agcgtgataa 60
 atgctaaaaa taggaggcac aggaaagcag gataacctat aattggagga aaacctgtct 120
 gggagatcaa gaaggcattc ccatacattg tcgtgacaac cttttttgga aggcaatact 180
 gaagtctatt aaatgacaca gctccttcga cctagctgtt ccactttagg aataaaaagta 240
 atatagcaat aaaagtaata ctacttaaag cagcatgtgg ctttggctcc cagtgaagtt 300
 gcaggtgtta caaagcataa tatgcctcca agccaggctg cccaaaagggt caaatccaga 360
 aaccagtcta atagactgag gaaagcaagt gaaggtaact tgacacgcca taaagaactg 420
 ttcaagttag tggactcatt gtgagatgcc tgatgcactc cagagaaatc agatttaggt 480
 ccaatagcat aatacaagaa gtcaagcacg tgagggcctc ctgtgagatc tcgatggggc 540
 agccaggcac ggggactcac gcctgtaatc tcagcattct gggaggccaa ggctggagga 600
 tcatttgagc ccaggagttc aagattagcc tgggcaatat ggtgaaacc ctttctaca 660
 aaaaaatata aaaaaaatta actgggtatg gtggtggtgt gtgcctgtag taccatctac 720
 tgggtgggagc tgaggtagga ggatcacctg agcctggaag gttgaggctg taag 774

<210> 5873
 <211> 1322
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (1116)...(203)
 <223> similar to gi311667 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 5873
 tttttttttt ttcacattac cgaaaggcca agtaatgtgg tgtgattact ataattccta 60
 caacaaaact tccacttaga atagttacat gttcccaaac ttttttctt ctgtctgcca 120
 tgctggcttc tgtatcccat ggtccactgt aatctttttg gtcttctttt tttgcagtac 180
 agcagtcctc gtgctgctat ccattgagta ggtaaaccac caattcatag gtggccatca 240
 taatggctgt gtttggaat ctgtctcact agatgagttg tcagaccacg ataaagagac 300
 ccataacctt cttcttgaac aagcaaagat agagtctgaa aaaaagatct gtattttggt 360
 ccctcttcac gtagtcttgt tcttacaact tcatgtggat atgctatagt tgtggcaaca 420
 agtttttgag gtggcagcag ctagcatcat tcccacaaa tctgatgctt ctttcacaga 480
 ctcttcatca ttttccattg tagaagcagt cttatatcc agtagttttt gttttatact 540

```

ttcataaata acaaaatgga taacagtctc tgatatacca gcatatgaag cagacatgcc 600
cctataaaaat ccttttagtc catctgtctg atacacttta cgaacacatt caaaagcacc 660
cattcgcctt ttccccgcgg ttcccttgcat caaagctgta accgagtctt tataagccaa 720
atgggggttg ttgctgtgat tgcagtaaaa cctgccattg cagctgaaat catatgtact 780
tgggtagaat caggatcaaa tacatcattc aacttttcct tgcagtttga ataagcagca 840
aagtatatgg ctctggaagg ggctaccccc actaaattgg ggcctagtcc tctaaacaag 900
gaacgaggcc cttctttttc caagatcacc tttaggcaat gaagagggtcc gggagacact 960
actcggttga cactggctcc agccatgggtg ttcagctgaa cttcagaaat ataaagcgtc 1020
acagaagatg actgcagtcg tgtttttaca acttccagtg gacatgtcag aatagctccc 1080
actgtaccac cacatcctcc ggcaaacaga tgcaccagcg tgtccctctg gctcattctc 1140
tctcccgcat gtcctccggc cgctgaggcg ggacgcggat ctggccgccc gctacggcag 1200
gcggcttcgg tcccggactg gagacgcaca gcgccccggg gacggcgagg agagctggcc 1260
gagatgcggc tgcagaaagc aaccggcaca gccctccccg cggcactcca gccgcgacga 1320
aa
1322

```

```

<210> 5874
<211> 1038
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (776)...(992)
<223> similar to gi299471 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

```

<400> 5874
tttcgtctcg gttagggcct catcgctctg ctcccgcctc ttagggaagc ctcggtgatt 60
ctgccacagc ctcagcctct gtggctctgt gacctgccgg tattggatga ttcgtatcta 120
agactctggg aactcctga agtcgggaaa tggtagtgtg gcagggcagg gcgtcccaag 180
gctgtggagg cctcatcgga accggcggga aatggcggcg gtgggaggag tctgtgaatg 240
gagttcccg ctagccctct gtccctcagtc cctccgggtg agggacccgc gctcttgtca 300
gtccccgtac agcggctctg gccagcctg cagccctcct tgtgcagctc tgcgccggta 360
gccctgcact ttccccgggc tgtggagtga gtaggagctc atccggaaga caccgcggcg 420
gcctgcgcgg tgcgggcgtg ggaggagctg tggtcgggaa tcccgtccct actttaccct 480
gttcagaatg agattgaggc cccatcaaaa catggagttc atgtgagcaa acaggactta 540
ttaatgggaa agctctgccg tggctcgtgg tttggggact gccagcgggt cttgaaggaa 600
aggcttttgt gaggtgtgtg aggaagcgaa gcaaatcacc tgccctgcgc aactttgccg 660
ccagtcctct tgcctgtgc gcctcctccg cgtggctgtt cctgaatacg ctggtgtctg 720
ttcgcatctt ttagaatacg ctggtgtcgg tgcgcacagc gcttctctta gttctacgga 780
gtcttcgctg tgtgccagg ctggagtga gtagtgcat ctcggctcac cgcattctcc 840
acctcccagg ttcaagcgt tccctgctc agcctcctga gtagttggga ttacaggcgc 900
gccaccacac tcagctaatt tttttgtatt tttagtagag acggggtttc gccatgttgg 960
ccaggatggt ctccatcttc tgacctcatg atccaccagc ctcgccctcc caaagtgtctg 1020
ggattatagg cgtgagcc
1038

```

<210> 5875
 <211> 1762
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (1678)...(388)
 <223> similar to gi23874 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 5875
 ttttttttta taaattcatg acacttttta ctatgccccca ttgcacgttc tcatccatgg 60
 atttgcccttg ccgttaagaa ttaattaacc atggccttgt ggccctgggc tgaccacaggc 120
 tgcgttttat cttgcacagc taaaagaggt tctgatgggt ggctcaacac cccaacccaa 180
 ctccataatac catgtcatca agtgttcaca attttccaaa atgaagttga agtgccttga 240
 tctgtccact gccaccacca accagtgtctg gagttttccc atgtgggttt tgctttttgt 300
 ggtgttaact ggcccttgct gctaagagca agcaaggact gttctgcgta agcgcctgcc 360
 agcctgggga cctcactcaa gttccccagg ggtattcaaa gaccggcagc gggctcccat 420
 tccagctccc gatggcacat ggacaaccac tccggtatgc cctcttcca cgggcgcttc 480
 agcttcattg agcaagcgtg atgacctgta cgtgccccca gtgcagcca agggggtggc 540
 cctaagggcc actggcaccc cccagggggg ttcacccttc tcagggggga agtcgtagct 600
 tctccacaca gtaggcagcc tggcttgcaa aggccctcat tgatctcgaa gatgtccacg 660
 tcaactactg tcagccctgc tttttgcaaa gctactggga tggcataggc aggtccaatg 720
 cccatgatgt caggtgggac cccaaccact gcataagacc tcaggacccc aaggatggga 780
 aggcccaact cttctgcctt ggacctccgg gccagcagga tggcagctgc cccatcactc 840
 acctggctag agtttccagc tgtggtagaa ccatctttct tgaaggcagg cttcagtttg 900
 gccaggccct ccatggttgt gctggggcgg ataccctcat cctgggtcac agtgatgctc 960
 ctcttggtgc ccttgctcat atggaccgtg gtggtcacag gcacaatctc agcttggaaa 1020
 cagcccttgc tctgggctct tgcctgcctt tgctgggaag ccaggggcaaa ggtatcctgc 1080
 ttctcccggtg aaatgccaaa ccgctcagcc acattctcag aggttatccc cataggaatc 1140
 aggcaatctc tggccttctc cttctccatc aagcgcgaag taatatattcc agggttccct 1200
 ctgtcagcca gggacatgga ctccacccca caggccatgc caatgtcata agacccattt 1260
 ctgatgccac ctgctatgct ggccactgcc tgtagccccg acgaacactg tctattgaca 1320
 gtggacaaag gcacagtctc cgggatgtca ctcagaaact gggcgattcg ggccatgatt 1380
 gccccggccc caggctgcag cacatttccg acacagatgt ccccagctg ttccggcctc 1440
 agattcacgt ccttgagaac cgcggtcatg actgccgaga gaagctcgtc gggggtggtg 1500
 tccttgaagc cgccgcggcc cgcccggcag atggccgtgc gccgcccgtg caccaccacc 1560
 acatccgcgg ccgaggcatg cggggcaccg ctcaggcaag gcgcggcctg cggcattccag 1620
 ccggaatcgg ccggacccct caggtggccc agcactacct gcagcctctg cattgcgcag 1680
 gtcaaccctg cagaccagcc accagtccgg gaactgaccg cggagttaac agacagccgt 1740
 ccgcacacgc gcagaaccac at 1762

<210> 5876
 <211> 1140
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature

<222> (1108)...(443)
 <223> similar to gi4454696 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 5876

```

gggaggaaag ggaaggtatt agacgccgcg cggggattgg tttttgtgtg taattatggg      60
atagggttgg tgagatggtt ttgggttggg agtgggtgtg gtggttgttt atatgttttg      120
gaggagtggg actccataag ccctttctgt aatataagta tgctaaatgc cacggaagcc      180
agatacattt attaaatcta ctcttagcca agcaataaag atgtgtacag agttcacaac      240
ctgcaacact tcaccaggga atgctaggta aaggcaactt cagttaact gagtactcca      300
tttcaagtgg gtaatgtctg ctgggttggc gctatccagt ttggaaaact gtggaagatg      360
ctgttgctac ccagattgtt ctgttcaaca agtgggcctg aagcctgagc agtgtagcca      420
gctgtgtggg gagcagaggt tcaactccatt gcttctgcag cctcctcacc tgactcctcc      480
tcctcctcta gtaagcagct tcttgtcaca gacttctgga tagcttcccg ctctccttca      540
tcagtgcagt tctgcaacaa gatcaacagc tgtctcctgt tgtactgaat taggaacttc      600
tgacatgttc ttattgtacc tggcatatga gttactgtgg tcaacagctt gtgaaaggtc      660
tcgaccttac agactttcag aggtaggggg aaggctctgt tagcgggaca gcagcaagac      720
ccacccacca gtttagactg aactgtgaac gtgtcaccaa ttgaaaatca gtagccatac      780
cacctcactc ctacctcca catgtaatgt gttgaaaaag catgggtaac ggtgtccttt      840
gttctccaag tatgtgatga agggaagagc tgaccacaca agctgataga attcttttct      900
gcatcgaagt agcactattc cagtataggc attgagatat cgaaccgcga agccgatgga      960
gcaggcggtc gcgccgaaag ttccgtgcac cctggcgatc gtgtcccgtg cgaggctgct     1020
cagaactcgg tcatcgaggc ttaggcggca gcgggggtcg tcagacacca gttcgcagag     1080
caggtaacct tgcttgaacc gcaccatggc tgccctccgcg ctctccagtc cgctcgtgcc     1140

```

<210> 5877
 <211> 2474
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(2475)
 <223> n = a,t,c or g

<220>
 <221> misc_feature
 <222> (405)...(2378)
 <223> similar to gi5305335 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 5877

```

tttttttttt ttgcgaatct gttgatttat ttacggctcg gtgagacgac gctggacgct      60
ggttagggtta agggttaggg caagcattag cagcaggggc atggccctgg gaagcacctg      120
gacccagaaa cataagacag gagggagaga tgccatccat tcagcgggca cttatgccca      180
cgaccagctg agccagacca gcattcccat ttaccacccc cttactcctc aagatgcaaa      240
tgaagctcag ggctgggcgg aagctggcag ggctgtccac agggaggacc cccgtgtgtc      300

```

tctcgggctg	cccaggtggc	tctgtccacc	cttctgtctg	ggaggtcct	taaggctggg	360
gagggccag	agggagggag	atcctgaggg	gctggcagat	tcaggccctc	cctgcgagct	420
gaggtttgaa	gaggagagca	gaccaccag	agtagtgga	gaaagcaccg	gcagaaaagc	480
tggcatatcc	accgagggcc	tctctgcttc	ttttgacctt	tttcagagtt	tcagagttat	540
gaaccaaadc	gccttcatga	gagatgacga	atcagatgct	acatagtggg	ggaggcgga	600
gctggcctgg	ctccccact	tccccaggac	ctccgcctgg	aggaagcctg	cccagggccg	660
cagccctgcc	cccaaagacc	ccaggacaga	ccagagctcc	tgctggagcc	gggtgtcccc	720
atgctgacct	ggcatgtcc	ccaggtccca	ccccagggtc	acttctgtga	gctccgactt	780
ctctagtggc	tgattgcagt	tcccagaatg	tataacatcc	cagggtgcca	gagcccaccc	840
aagcagccac	tctgtccaag	ttcccagaat	gtataacatc	ccagggtgcc	agagcccgcc	900
caagcagcca	ctcctgtcca	gttcccagaa	tgtataacat	cctaggggtga	cagagccgc	960
caaagcagcc	actcctgagt	cactcgggca	tgtccaggac	tcagggtccac	acagacagtg	1020
gcaacagcta	gccctgggca	tctacccccca	tgaaggggac	cctcggttct	gcgagagaga	1080
tccccgaagt	gggaactggg	cccccatggt	gcccagtgcc	tctccccctc	tctctgccca	1140
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acctctggtt	ccacttttct	ccttttaagc	tttccatttt	gtaaactcac	ctcccccttc	1260
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tgggtgtgct	ctcagcaaga	ctctgcccc	tcccatctc	atgttctcag	gagactgaag	2400
ctgggcactc	agaaccaagc	ccaggagcag	aacgcaggcc	tgcataataga	ctcactgcaa	2460
ggcggacgcg	tggg					2474

<211> 1938

<213> Homo

 $\langle 220 \rangle$

<221> misc feature

$$\langle 222 \rangle \quad (48) \quad \overline{\dots} \quad (1654)$$

<223> similar to gil388193 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 5878

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gacttgagcc	cacttgcttt	gagagaactg	aagatattgg	aggagtgtgg	aggttcaaag	180
agaatgtgga	agatggcga	gcaagtatct	atcaatctgt	cgttaccaac	accagcaaag	240
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ctaaacttct	ggaatatattc	aggatttttg	ctaaaaaatt	tgatctgcta	aaatatattc	360
agttccagac	aactgtcctt	agtgtgagaa	aatgtccaga	tttctcatcc	tctggccaat	420
ggaaggttgt	cactcagagc	aacggcaagg	agcagagtgc	tgtctttgac	gcagttatgg	480
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ggttcaaagg	ccaatatattc	catagccgcc	aatacaagca	tccagatgga	tttgagggaa	600
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atgatgatgt	cccaagtcgt	ctactctgtg	gagccatcaa	ggtgaaatct	acagtgaaag	960
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aattacaaa	attaggctta	tgtacaaac	caaaatttgg	ccatgaaatt	ttgcctttcc	1860
atgcttcctt	cagttcacca	aagttacaa	aatgtaaaat	aaaaataaac	tggctcaggt	1920
aagtagggct	gccaaccc					1938

<210> 5879

<211> 2789

<212> DNA

<213> Homo sapiens

 $\langle 220 \rangle$

<221> misc feature

$$\langle 222 \rangle \quad (438)^{-} \dots (1674)$$

```
<223> similar to gi36603 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters
```

<400> 5879

cccacgcgctc	cggcgatgcc	taagcggttc	accttttagc	caaggtcctc	cagcgttcct	60
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ctgtttcaga	gcgtttgggt	cctctgaggc	cccttgacca	ggagtgtctc	tgaagataca	180
gtccaaagaa	agttctccaa	aacaaggaga	gcagtctqaa	gctggggatg	gcaacagcat	240

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ttggacagga	gccattgtgc	aaacaattca	ggcagttgcg	ttatgaagag	accacaggac	420
ctcgagaagc	actaagtcgg	ctccgggagc	tctgtcaaca	gtggctacag	cccgagaccc	480
ataccaagga	gcacatcctg	gagctgctgg	tgctggagca	gtttctgata	atcctgccta	540
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tggacctgat	tgaacatgcg	agtacacaca	cgggaaagaa	actctgcgag	tctgatgtgt	1020
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agtgttcatg	gagttttggg	gaaagccttt	cagaggagtt	cacacctcgt	cagacatcag	1140
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aagtgcagctt	ggagaggaga	tcatgatctt	tatactgtga	atagcagaat	gtcacagatg	2640
aagaatatta	aaattagggg	gtccactcc	aaaacatatc	accagagtga	caacttcagc	2700
cctcagcctc	tgcaatccat	atatactctg	gtcttgggag	tccatagaat	actgtttcct	2760
tctaataaag	gtttcaaaaa	aaaaaaaaa				2789

```
<210> 5880
<211> 2966
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (2836)...(86)
<223> similar to gil702932 in the genepept database release 114.
```


Run with FASTXY 3.3t00, default parameters

<400> 5880

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tcccctcagc	tacagccaac	tgtttcttta	gatccaagag	tttcgccacc	tccgcagcaa	180
cctcgttctt	gtctgccttt	tgtgctttca	gttctcggac	aatgtttcct	tgttttgtca	240
cttcatccat	cagcgcttgt	atctgctgtg	gcttggctgt	tgtaacagtc	tctacaactg	300
ctggcttcgg	ggacgttttt	gcctggcccc	ctccaaagcg	ctgccttaaa	ctttcaatct	360
ggtcattttc	caatttttgg	aacaagggac	tgactgtgcc	aatctgggtg	cctgctggta	420
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tcttcagctc	ctagggctga	gctaggaaaag	actaagctat	ggaaagggaac	attgtctttg	1140
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ctgtgtagtt	ggctgtgatg	gacagatagc	caatagtggc	atcaaaccag	acatagaata	1260
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0948735.0.1.00

[illegible]

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tctccaggcc	tgtgtcttca	cgtgtgcggc	cagccccccg	cgtgcatgcg	gggcagcatt		360
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gc							842

<400>	5882						
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ccagcggcct	gggggtcgta	caggatggga	gaggccgggg	cttgggatgt	tgccagatct		180

```
<220>
<221> misc_feature
<222> (596)...(737)
<223> similar to gi433816 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters
```

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gtagaacagc	agtaacacaa	taccaggatc	cacagagtgg	ccagggccag	agtggggaga	360
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ggtgtccccc	ttggccacca	gagggagttt	tctaaatttg	agcatggctc	atcgctgctt	600
gaaattctac	gtcacagtgt	ggcctgcatt	gaggagggcc	cacacctgtc	gctacctcag	660
actcacctgc	cacctgcctc	aagtgcattg	gagagaacag	gaaaccagaa	attgtcagga	720
tcgaggatta	tgggaaaaga	gtaaaagcct	agctgtcaga	tctgaggttc	caccaaggag	780
cactgatggg	tgcttctcat	taggaagg				808

<210> 5883

<211> 704

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (86)...(507)

<223> similar to gi200543 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 5883

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cagtgcggca	cattcgttcc	cctaggactc	cggccgggtg	ccggccccag	gcggtgcttc	360
tccccaccac	cgcccagctc	agctcagccc	agcccagccc	actctgccct	tagaggccct	420
tctccccaaa	gacgcactcc	agaagtctcg	ccctcgtagc	gctgaggagc	ctgggatccc	480
agacctgaac	aagggtgagca	tccctatat	ttagccagca	aagatctgtg	tggctcactt	540
gccggcctcg	ttctgtcaca	cagagtccag	atttagcctt	gagttttcct	agtgaagac	600
agaccctggt	atcactatga	ccctcctcag	gctttcttac	cccgcctcag	aaagcagtga	660
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<210> 5884

<211> 898

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (616)...(226)

<223> similar to gil59167 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 5884

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caggctggtg	ccagcagtcc	ctgcctgcca	cactgcccc	ccaccaggcc	actgaatgag	180
gcagctggga	gaggcaggaa	gaggggcttc	aggctgaatt	cttgatttga	cccttcttgg	240
cccttttgtc	tgggagacct	ggaactgaag	ggcatggaac	cccccttga	ccctgtgggc	300
aggaaaaactg	ctccccttgt	ccctgcctgg	gggtaggaca	gataaggctg	ctcgtcctgc	360
ggcggccccc	cagcccacct	gcttcctatc	cgtttcctgc	aggatgggtg	cccctgcatc	420
ccctcaccca	ttgctcacgg	aaggaaaaagc	agacgtggcc	agcctgcatc	ctctgccctc	480
cctgagcctc	ctggcctggc	tggccacagc	tggcatggac	gccatcagca	ggctccgtgc	540
aggcggacgg	ggcagccccc	acagccaggg	caccctggcc	ctcactcacc	agcacccttt	600
tgttcttttc	ctagcaaaat	atgcaaaagt	tgaccagtgt	ggaaacccaa	aggtgagtgg	660
gttccggctg	caagccacca	aggcttcagc	tttgggggtg	ggcagggtgg	tctctgcact	720
gcttgggggtg	gcaggtctgg	tggccgcca	gctgggtttg	caacgtggct	caaggtggca	780
tggatgcctc	aggacggccc	cttgcttcca	gccaagcccc	tgcccaggcc	tggaggggaa	840
gagagtctgg	gtgggttggg	gtgagggaga	ggcatctggc	ttgagagcag	ttcccagg	898

<210> 5885

<211> 1273

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (395)...(1076)

<223> similar to gil63132 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 5885

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tccctaattt	tggcctgtat	tcttctccct	ctgtgaacca	tcttcttaga	agtcactgaa	180
ccaagagtgc	cagaaaacca	tccaagact	cacacagagt	tgttcttcca	tagtggatgt	240
tttggccact	ggacatcaga	accacatttt	gggtttgaag	aatcttctac	atgctgagaa	300
agtggaaactc	cagagacact	cctgaaattg	tcctaagtca	aaggagccaa	acggtgtacg	360
agctccctct	ctgccgtccc	ctctgagagc	agccatggcc	ctgagtgatg	tcgatgtgaa	420
aaagcagatt	aagcacatga	tggctttcat	tgagcaggaa	gccaatgaga	aagcagagga	480
aatcgatgcc	aaggctgagg	aagagttaa	cattgagaaa	ggacgcctcg	tgcaaaccaca	540
acgactgaag	attatggagt	attatgagaa	aaaggagaag	cagatagagc	agcagaagaa	600
aatcctgatg	tccaccatga	ggaatcaggc	gaggctgaaa	gtcctgagag	cccgaatga	660
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cagagaataa	aggtttcaaa	taccttgga	agccgactgg	atctctcagc	caagcaaaag	1020
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gcctctggga	agtgaagcta	gtgttgaacc	actaaacat	aaaagtttaa	gttttttggg	1140
gaaaggaaac	tagtagtggt	tcctcctctt	tgatgctctg	atactgttct	gttttttctt	1200
acgaaatacc	ctttggatag	ctaaagtgtt	aactttgaaa	taaagcccga	aattaatgct	1260
cagaaaaaaa	aaa					1273

<210> 5886
 <211> 2966
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(2967)
 <223> n = a,t,c or g

<220>
 <221> misc_feature
 <222> (23)...(2020)
 <223> similar to gil781037 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

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atttgtggaa	tacaatacat cccacatttt ggaagccatt aatatcaact gctccaagct 180
tatgaagcga	aggttgcaac aggacaaagt gttaattaca gagctcatcc agcattcagc 240
gaaacataag	gttgacattg attgcagtca gaaggttgta gtttacgac aaagctccca 300
agatgttgcc	tctctctctt cagactgttt tctcactgta cttctgggta aactggagaa 360
gagcttcaac	tctgttcacc tgcttgcagg tgggtttgct gagttctctc gttgtttccc 420
tggcctctgt	gaaggaaaat ccactctagt ccctacctgc atttctcagc cttgcttacc 480
tgttgccaac	attggggccaa cccgaattct tcccaatctt tatcttggct gccagcgaga 540
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cagcttttgt	gagaaaattt tgccgtgggt ggacaaatca gtagatttca ttgagaaagc 720
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ctatgagaag	aagattaaga accagactgg agcatcaggg ccaaagagca aactcaagct 960
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gcccgtgcat	cccgccagcg tgcccagcgt gccagcgtg cagccgtcgc tgttagagga 1140
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cgccaggcct	tcagacagcc agagcaagcg attgcattcg gtcagaacca gcagcagtgg 1500
caccgcccag	aggtcacctt tatctccact gcacgaagt gggagcgtgg aggacaatta 1560

004337.0.100

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cctgggcctt aagggctggc actcggatat cttggccccc cagacctcta ccccttccct 1680
gaccagcagc tgggtattttg ccacagagtc ctcacacttc tactctgcct cagccatcta 1740
cggaggcagt gccagttact ctgcctacag ctgcagccag ctgcccactt gcggagacca 1800
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gcatgaagag agcccccttg aaaagcagtt taaacgcaga agctgccaaa tgggaatttg 1920
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tgaaccacca ggaacctggc aacatcacga tttaagctaa ggttgggagg ctaacgagtc 2880
tacctccctc tttgtaaatc aaagaattgt ttnaaatggg attgtcaatc ctttaaataa 2940
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<210> 5887

<211> 2408

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(2409)

<223> n = a,t,c or g

<220>

<221> misc_feature

<222> (2240)...(835)

<223> similar to gil850772 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 5887

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taaaccatt tggctagagt tccccctaat gattatgact gagaccatga taagattttg 180
gttgttctca cccaactgtc tctaagcctc tactcaaacc tgactcaagc agagatgtgc 240
acaccccaca gttcagaaca ggaaggaatc atgtcagatc tgatcaacct cccattcttg 300
ggctattaga ggcacaagaa attaccttga aaaaatggaa ttcagtgact gccatctagg 360
aaagacagtg atactgtcca gcagcatgca gttccgagag ctcaactctt aggccaccct 420
ccctccactc tactctagga acaaggagca ttaggtctgt tttctctcca tacacctcaa 480

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tcgctcgctcc	tctcgtcttta	ttaaaacaca	gacacagaac	caaacttttt	gacagttaaa	540
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gtagatagta	tgacctgac	ttccccctc	ttttttttcc	tttaacagta	ttctgtttca	660
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ggctgagg						2408

```
<210> 5888
<211> 4369
<212> DNA
<213> Homo sapiens
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```
<220>
<221> misc_feature
<222> (1)...(4370)
<223> n = a,t,c or g

<220>
<221> misc_feature
<222> (3923)...(391)
<223> similar to gi532056 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters
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gcaaacccga	cagaccgggg	cagggcaagg	cccttgaaac	caagtcctcc	ttgagcacct	180
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cataccatct	gcaaaaaatc	ttgacaggta	ttctgtaatg	gtccctgtgt	ggcaatataa	1020
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ttagacacag caactgacca gcattaatgt caaaataaag atcataaggc tgacagaata 1860
gaccctttgt ggcaataaca aattattcgt aagatctaag gtcatgccag gcaagtgtta 1920
tgtcatgcac tcctacactt taaaggaata aacatatgtt cctaactgcc acaaga 1976

```

```

<210> 5890
<211> 717
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(718)
<223> n = a,t,c or g

<220>
<221> misc_feature
<222> (423)...(65)
<223> similar to gil9923 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

```

<400> 5890
tttcgtcgcg agagcgcgcg gcgcggtgac tcgtcgctga gggacttta gattgtagag 60
gggcgcgag ggctctcccc ggggcggagg gacacagagg gattctaggg aacctgccgt 120
cgcgagtcgc gcttcaggcg gagaatctag gcggcggcgg ggcctccctg aggcggagga 180
gtcggcaccg gggcctggct gccggggaag gagagcacgg ggcgggggac tcctgtgtct 240
ggcggaggga cacggcggtc cgggtggagg atctgttcct tgtaacctgg ccagggttgc 300
ggtcggggat ggagcgggta ccccgaccct gcgggacctt ctctctctgg cggagggtgca 360
cggcgcgcg tggagttttt ctggcggaag tatctgtgcg tggccccagg cccttcccgg 420
cgcggtctca tctggggcca ctgtttggcc ctgcggttgg ggaggttcat gtggtgcatc 480
ctgatgagaa ggggggtcac aggggtctcg gggccagggt tcagccagcc aggcccccagc 540
ttgctctctt ctggtgctgc ccctgtccct gaattcatag acccggttt cctctcnnn 600
nnnnnnnnnn nnnnnnnnnn ntgcgctttg cgcgtgtagc agaggcaaca gtgtcacctg 660
ggaagctggt tcccccaaaa ggaactcttg tctgtccgtt gttgcagagc cagcgca 717

```

```

<210> 5891
<211> 699

```

<212> DNA
 <213> Homo sapiens
 <220>
 <221> misc_feature
 <222> (313)...(51)
 <223> similar to gi3883128 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 5891
 tttcgtatca gttttctcct cctttcttcc cgcgatcgcg cggctctctg gaagccttcc 60
 cactctatta ttgccgagga tccccctcct agacactctg agaaggtgcc gctccggcct 120
 tgggtacggc ggtaccggga tgtggagtcg ctctcgcccg gctgggactc tgtggcgggg 180
 cggagcgcg cggctggtgc gggggcagag agaagggggc cccgatgagt aactcccgga 240
 ataaccgggt gatggtggaa ggggttggcg ctcggttagt gcgcggcccg gactggaagt 300
 gggggaagca ggacggcggc gagggccatg tgggcaccgt ccggagcttc gagagccccg 360
 aggaggtggt ggtagtgtgg gacaacggca cagctgccaa ctaccgctgc tccggggcctt 420
 acgacctccg catcctggac agcgcgcccc cgggtaagcc gcggccacct ggccagggct 480
 tgcgcgcgcg gggggaaggg gcgagctgcg gtgggcgctg gtgtcgcggg gagaggtctg 540
 cagtgggaca cctggtgggc agcgcgccggc tggagcgagc ggaaaggcaa agcgccaaag 600
 gaattctagg ttccgaacgg gtgaacaaac actttcagaa aagaccctct acccccaagg 660
 gaaatgatgg cagcaccatc accgggatgc tttcaagcc 699

<210> 5892
 <211> 1967
 <212> DNA
 <213> Homo sapiens
 <220>
 <221> misc_feature
 <222> (1858)...(782)
 <223> similar to gi3875351 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 5892
 ttttaaatca atagataaac atgatttatt actttgtcta ttaaagtagt ttcaacacaa 60
 ttgaagttta gactgcactg ggctgttccc atcacagtcc aggattatgc acagaccagc 120
 cccaacccc agcaggggtg ccctgccaga acctgtgctg gatgcctagg agcacagaga 180
 ccaactgccg ttgttgggct gcgtgtgcac aattcatacc ccgatccata atccctaaga 240
 caagaatggc tgtcattgcc ctgggttcac tttctattca aagaggactc atttgggcac 300
 agccaatgta gtagttaaaa tgcattttga gaaaaaataa atattctgta caatgtattt 360
 acaaggatca aatgttttgt aacccacccc caattagttt cccaattggg aaactataat 420
 ttgataatta agaagccata ttattggccg ttagtgtcac gtcaacaaag aatgtggagc 480
 tgaccaccta aagtattttt gaactatata tatagagaga gagagagtac gcaaaatttc 540
 acattttaat atgcttagaa ggagttttta aagaagtaga aatgatttcc ttggcctctg 600
 actttcagtg atgaaaatgc aaccatgcag tcccccttt gcagaagggc agttcttccc 660
 aggctttctg gaagcagggg cttccgagga gtctccaccc acctcacaga acactcacta 720

tgagccctgc	acagacagca	ggattcacaa	tctccaatag	ggatggcagg	ggcagccctt	780
aaaacttgaa	gaggtcgatg	aagtgtctgcg	gagacacagg	cgtgaagcag	ctgtcagggt	840
cggccgccgt	gcaggggtgt	cctgagtcct	tccaaaagag	aatgctgcag	tgccgacaga	900
aatgcagtgt	gtctccgtac	tgctccttcg	ctgggtaatg	tttctgaagt	gcaaagtaca	960
tcaacttcca	ttcaatatga	cctttttctg	aaaggatcaa	atgtctacaa	aactgctttt	1020
cagcaaaatg	gtactgacaa	agcttcttcc	acagctgtct	gtcttcta	agcatataca	1080
acgtgggggt	cacctggcct	aagggtgatga	tgtcccatcc	gtctgagaac	cggatatagga	1140
tggtgttcag	catgtgcaga	ggaagggtcac	tgagggtgag	gccattgttc	acttgcttag	1200
tcatctgaag	atcctgtagc	tggtgttgcc	aggcgagaat	agtttcta	cggcaaatacc	1260
aaatattgat	gtttccact	aatacagact	tccctactcc	tctaataaga	atgcagaggg	1320
tagagcttag	gtcttgacga	agatctttga	ttaagcgagg	attgtggtgg	tcatcaagaa	1380
ccttttgaa	gattttatcc	aaaatgttga	agtaattctt	ctgtgccacg	ccactcaatg	1440
aagttaactg	ggattttgca	attagctgca	acagtttgac	cacataattg	aaccttcgga	1500
tatcttgaat	tgcaacttgag	aagtctaacc	gattaaaggc	ttctcccaag	gtgcaatagc	1560
catgcctttc	ccttgtgctt	tctttatgga	catagatcca	tttttcacga	taaaaacttt	1620
gagtatttgt	gtcattttcta	aaatggctct	ttttcctttt	tttcgatgca	tattcatgct	1680
cttcattatt	gaatattttct	ccatcttcac	tatttaagat	aatgctgtga	ctgatgttac	1740
aatggttatt	ctctctttca	agtttctgac	tacaagattc	acatctcttc	cagccatctt	1800
ctgtctta	ccaactccat	ccaggagatc	tccagtcctg	acccaaaaat	ggcatagtgc	1860
tcttagcgcg	cctgcggccc	ccagtcttca	cctgacgcgc	ccgcgtcccc	cagtgcccaa	1920
cgggcgcgcc	ggccacctgg	gcccgcacct	gacggcgacc	aggcggt		1967

<210> 5893

<211> 1086

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (786)...(360)

<223> similar to gi4033606 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 5893

aatacactgc	tgggggtggca	atctgccaa	ggcccgaggg	caacactcct	ttacataaag	60
tgaaaaagat	ggcaaccaca	cttctgctga	atacagaggt	ggagcatagg	gtaatgcaag	120
tccaaacaag	cttcttgctg	ggctggctcc	ccagtcttgc	ttagagaatg	tgagctgccc	180
ttctgtgctg	cgttcagcct	gaccacccct	gctctgcact	aataatgaat	aagcttcgtc	240
cctatctttc	cctagcctgg	caggccattg	taaaacttta	tgcataagag	tcacacttta	300
gattttgtac	cctacacact	tccactgaag	cagaaatata	aaagccacaa	taatctcaat	360
agccagcagg	cattctctct	tagggactgt	aagggtggtg	cttttcaaaa	ggtggatagt	420
aggggtggaga	gtaacggggc	ggtgcacttg	aggaccacat	gtagctgggt	gagggagagg	480
cagactgggg	ctcatcagaa	agtcagagg	gaggggagga	tggaaagaca	ccggaatgct	540
gaaagtcata	agcagaatat	ggtggcaggt	gaggagggt	atggtagtag	gtattgtagg	600
atgccacttg	gggatgagca	tagtaagaaa	ctggttgatg	ggtattttca	acagaacagt	660
tcagtgtctg	gagagttggg	ttcatgtcct	taaagcctcc	aaggacagcg	gcagtgatga	720
tgcccaggaa	caggccaaca	atggtgagga	tgggtggcaga	ccagagcagg	tggtagaggt	780
ggatgatata	ttggcaactg	ctgacatcga	tgtatttcgta	gtaccaccca	gtgatctcca	840
cccggttgcc	acagttgtag	aggtcacagc	agaagcaggt	gttgccccgg	atgcgaggtg	900
tgcagaattc	acggctgagg	tgagggcagt	taacctctct	agctgcctgg	gtaaggttcc	960

tcataaccct	cgtggaagga	gaatTTTTTg	ttgaggaact	tatgacctcc	tcagcttct	1020
tctgtgatgt	cttggaaca	taatggcacc	gggtagcgta	gagtggtttc	agatcaatgt	1080
gtctgg						1086

```

<210> 5894
<211> 675
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (169)...(502)
<223> similar to gil68455 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

<400> 5894						
gacctacacc	cgctcgcgct	ccctccactc	ccagaccccg	gcctaacacc	cgctcgcgct	60
gcctccactc	ccagaccccg	gcctaacacc	cgctcgcgct	ccctccactc	ccagaccccg	120
tcctaacacc	cgctcgcgct	ccctccactc	ccagaccccg	tcctaacacc	cgctcgcgct	180
ccctccactc	ccagaccccg	tcctaacacc	cgctcgcaact	ccctccgctc	ccaggcccg	240
cctaacaccc	gctcgcccc	gaccccgctc	taacacccgc	tcacactccc	tccactccca	300
ggccccatgc	atgccttggg	agcccgagcc	ttctcggtgg	gcagatctca	gcactcacca	360
ggcgccctgc	tctcccacct	agtgggccc	ttcctgactg	cactgccc	caggagcctc	420
cagggccctc	ccgctgcctt	tgtggctgcc	agagtcctcg	tccccttgct	ttgtctctg	480
ctgtctccct	ccactcccaa	acctttacct	atgggtgtga	ttcatcccc	aggagggaag	540
caccaggga	gcacatagcc	caagtgtcat	ggagcccagg	cctcagggtc	cgtatggagc	600
ctgtgctcag	gactgcagag	gcagtgcgtg	gccaccttgc	cgtggagcag	gcctgggctc	660
cccggtgag	gtcct					675

```

<210> 5895
<211> 2000
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (358)...(1389)
<223> similar to gi3878668 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

<400> 5895						
cgggctgggg	gaggggagcg	tggggccgac	agttttgggg	gtgaaaaggc	aaaaggcggg	60
tgaaaggctg	cctcccaga	ctctccttgc	ttggaattct	gccactctg	cggagtttagc	120

```

agtcacgacc tccagcacag gatgtggtac cacagattgt cccacctaca cagcaggctt 180
caggacttgc tgaagggagg agtcatatat ccggcccttc cacagcccaa cttcaaaagc 240
ttacttcctt tagctgtcca ttggcaccat acagcctcca agtctctgac ttgtgcttgg 300
cagcaacatg aagatcattt tgagctgaaa tatgctaata ccgtgatgag ctttgattac 360
gtctggcttc gagaccactg ccgctcagca tcgtgctaca actctaagac tcaccagcgc 420
agcctggata ctgccagtgt ggattttatgt atcaagccaa agaccattcg tctggatgag 480
accacactct ttttcacttg gccagatggt catgtgacta aatatgattt gaattggctg 540
gtgaaaaaca gctatgaagg gcagaaacaa aaagtcatcc agcctagaat actatggaat 600
gctgaaatct accagcaagc ccaagttcca tcggtagatt gccagagctt cttagaaacc 660
aacgagggac tgaagaagtt tctgcaaaac tttctgctct atggaattgc attcgtagaa 720
aatgtccctc ccactcaaga gcacacagag aagttggcag aaaggatcag cttaatcaga 780
gaaaccattt atgggaggat gtgggtatttc acttcagact tctccagagg tgacactgag 840
tacaccaagc tagctctgga tcggcacact gacactacct attttcaaga gccctgtggc 900
attcaagtgt ttcatgtgtc taaacatgaa ggaactgggtg gcaggacact gctagtagat 960
ggattctatg cagcagaaca ggtacttcaa aaggcacctg aggaatttga actcctcagt 1020
aaaagtgcc a ttgaagcatg aatatattga agatgttggg gaatgtcacc aaccacatga 1080
ttgggattgg gccagtcctt aaatatctac ccatggaata aagagctgta tttgatcagg 1140
tacaacaact atgaccgggc tgtcatcaat accgttcctt atgatgtcgt ccatcgctgg 1200
tatacagcac accggactct aacgatagag ttgaggagac ctgagaatga gttttgggtc 1260
aaactaaagc ctggcagggt cctattttata gacaactggc gtgtcctaca tggcagggaa 1320
tgcttctactg gctaccgcca actgtgtggc tgctatttaa caagagatga tgtattaaac 1380
actgctcgcc tcttggggct tcaggcttaa aattgacagc atctggatta tgaatacacc 1440
tggcaccctg gctaccagaa tttcatatgg gcagaataat attgtgtcaa actctacttc 1500
agattgtctc cttatcccat cccacaaaac agaactctgtc cgtttctcta gtaagggaga 1560
cttggttgag aggcgggact ctgagttatc taatgtcaga catctagtgg ggcagctctc 1620
ttcctcatgt tataacatgg atccacttgt tttattttaa ctttttaata taattttggt 1680
cagtctcctt cagaaatata atctccatat tgataggaaa gcaataattg ccatgaggta 1740
acgatttttt tccaagtag atcagttaga aagaaatgca ttctagaaat aacaaaaatc 1800
ctgataaagc aacaatttgc aaaatgtttg gtcttaggac accttaacac tcttaaaagt 1860
tattgaaggc cccaaggagt tcttgggtgt gggttctatc tattgatact aactatttta 1920
gggtattaaga ctgagaaata aataaagctc aagaagaaca cagaagccct gtattgcggc 1980
cgggcagagg ataccagcag

```

<210> 5896
 <211> 3775
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (2313)...(1507)
 <223> similar to gi5542020 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

```

<400> 5896
aatgtgaat tttatgaact aaataaatat ttggaaaatt agcgtgcttt aaaagggcaa 60
ttttggtttc attaatactg tatactttta ctgctttaag atgttaagag agtaatcctg 120
ggaaaataaa acacatacaa ctttcaaaaa agacagggtg tgtatgccct aatattttaa 180
ttgctcatta aaggaagtgg atacaagcat taagatgaat catagcttca gtcaagaggc 240
tccacatata taggctgccc cggctccctc tcctaaatca tagacatcgt atgtagtacc 300

```

accttctacc	aatttgattt	tagaattagt	aactgacaca	aagcattcta	ggacagacgc	360
catactatta	tctcccacat	tgacatttat	taataacatt	tctggcaaaa	acaagtaaca	420
agttcaataa	ctgaattcac	atcaacaggt	ttcattttga	tccattagcc	aatttggaia	480
aaagccatat	tgatcaaaag	gattaaaatt	aaaaagcacc	ttttccttgc	tacatataga	540
ttcttttaaac	taaaactcca	agcagggatc	agatacaaaa	cccaactgca	ggattgtttt	600
tattgactat	gacatggact	tgttgcttac	atttttttaa	agtcattcatt	tatacagtta	660
tttaaaactct	attgggcaga	aaactgaaaa	tacaattgtg	agaattatac	tccatagtaa	720
atacctatgt	acttaatact	gaattcttgt	gtcactgaga	accttaaccc	tactctaaga	780
catcttgcca	taacctgcaa	ctatcaattt	tttgagagaca	tttttggtat	ttcgggtcaag	840
tgctgaagg	gttttactcc	aaaatctagg	gctagaattc	agcttccaac	actctcatac	900
ccaggtaaca	caattatgaa	tattcagaaa	tcaataacct	ttagatcatc	aatgtttcag	960
agctatgctt	gataaatgac	atttgaaaaa	taataatata	gaaataatta	gctgaattta	1020
tactcctgaa	gccacttcat	ctttaggctt	tatattttaca	gtgttgtcca	ggaggaacta	1080
aagaaaaaag	ttacactaat	tatttgtcaa	gctctattcc	agatgtctgc	ttaagacttg	1140
cagtttacgc	agaggtgaac	cattatcctc	taaaattaca	ccacactact	tcttgtagaa	1200
ctaatagtaa	aatacatcaa	cccaaactct	atgaaggcag	cacatcttta	ggagtaacta	1260
gtatataaaa	agtatcaaca	tcagtgggtt	gaatataaaa	atttattttt	aagtcaaagt	1320
atgcaacaaa	taaacctaca	gaaaacattt	tcccatcaca	atctgttgct	ttaccaataa	1380
atattttgaa	aacacattcc	ttcagtcatt	ataaagttct	taaaatacaa	aagaaattaa	1440
atctgtaaga	aagtctagta	gaccagatgc	tggtgtcaag	acttgatgt	tggtgttttt	1500
gctttcagta	catcccacgc	catccacctc	cactcatgcc	gccttgccca	tagtaacctc	1560
cactgcctcc	accaccacgg	ccataaccac	ccaaaccatc	aggagtacca	tatcctccac	1620
tgtaattggt	ccccattccc	attcttccaa	ctgatccata	gcctccctga	ttatccattc	1680
catctcttcc	gtagcctccc	attccagaac	ctcccatgcc	agagccgctt	ccaggagtag	1740
aattcaagaa	gagttcaata	tatcgatgtt	gcatgttatt	tttatcttta	gacatggcag	1800
ctactgcatc	ttcatgtgtc	acaaaactct	acatctggct	ttcttccttg	tggtctgtgc	1860
catcagcttc	ccaatatcaa	tatgaacttc	gtattggatt	tatgtggtga	gaagaaatta	1920
gcaatgtcat	tttcagttgc	acgaaaaggc	aaccctctca	tatgtacgaa	atgaccacca	1980
tgaaaaacctg	aacttgcatc	accagctcca	ccatagccat	gtcctcccat	acctcttcca	2040
tctctcattc	tgctcatcaa	gccatcattc	cccatagccg	taattattat	agccaccata	2100
gtcatcaaaa	cctccataac	caccatcata	tccatcacct	cctcgtcgca	ttctgtcata	2160
catacttcca	cgcccagctc	cataataacc	ccctcttcct	cctattgggtc	tatcatatgg	2220
tcccgggttcg	tgtcccagca	atcttcttgg	tggtacataa	aatcctttga	tttcaactct	2280
gctacttctg	aagatctcaa	tatacctatt	taaaaatggt	ttaagggtaca	ggtttcagca	2340
taaatgtatt	agtgtaaatt	agatactggg	caaaatgcag	taagtttttc	tatatctaga	2400
tacataacc	aattttaaatt	gcctaaatac	accgtaagtt	aacagtttaa	acctacaaac	2460
tttaattaaat	atttaagtgt	tacaaagaaa	ttagtacagg	aaaacaattc	ataaagtata	2520
tttttacttt	gtctctttta	gtacataata	gggtgtttta	aggaaatagg	tgattataca	2580
aaagcattta	tcaacaacat	cctacagaga	aatggaaaca	atctaatttt	aatttaacta	2640
ttagcattaa	ttccccaccc	aaatctgtag	tttccaagtt	aaatttagat	aattatcaat	2700
tctttttaa	taccccagaa	aaatgttatg	gctaccccc	catttaagca	atagtgacct	2760
acaaccccc	aaaataaaaa	tttaacacca	tcccaaactc	tccatcccca	cctgtgccct	2820
attcttttct	tgtgtttccc	cagagcattt	tctgctatct	cctttgaagc	aaactgcacg	2880
aaggcctccc	ctgtgcttct	cccctggtag	tccatcgtca	atgttatccc	atttggcagc	2940
atttccaacc	ctttaaccca	aggacaaata	accccatcaa	ggggaacagt	gttaaaaggct	3000
gaaacattcc	catctgaatc	aaatatttta	aacaagtcta	aacaaaacaa	aacaaaacaa	3060
aacaaaaaag	cttagtttcc	catcacccca	taatacaaat	gaaagatttt	ttcaaatatt	3120
actggattaa	ataaattttt	tgcgaccagt	gtaaaaacac	tgtgtaatta	cacactctaa	3180
aagccacact	atattacatg	aaaaaaggct	acaaaatcaa	atataatgctc	catataactaa	3240
ttcacgggtc	atttcatcac	aattctcaaa	tatgttactg	cacattaatt	aggttttaca	3300
tattctacac	attctgtatt	gaatattaac	tgagacatat	tatttttaata	cattaaccaa	3360
gactatcata	gttaaaactta	aaagttccaa	aatcaaatgg	gtttttacaaa	ttaaaaacag	3420
taaaacaata	caaataataa	attacaatac	tactaaactt	tgactaatac	tagaggtagc	3480
ttgaaagaac	tgaactattt	cctctttgct	gcaaccaa	ggtagtccac	gaagtcgtac	3540
tgtcccatca	ctagcgtcat	ttggaccatt	atgtttcata	acccaatcca	tctcaatacc	3600
gtttgattta	aatgcccctt	ttacttcaga	taccctgtca	ggcgatagtt	acgccgactc	3660
tggtgctcgc	ggggtccagt	tcaaagaagg	gagaagtcgt	ttgcctcgtg	tagcgtcgcg	3720

cacaacggtt ctcccaaccg tctccagcgg tgacaaccgc ttagggagca cgaaa

3775

<210> 5897

<211> 595

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (105)...(482)

<223> similar to gil345531 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 5897

tttttttttt	ttcatttttct	ccatttttatt	tgtcaatata	aaaataactca	aatattttaca	60
acaaataaat	acgcggggac	acaataagtt	acactgttag	gagccctcct	cctagggctg	120
gaagagagta	tgccattgtc	cacagcaggc	ccaccctctc	ccttctctcc	cctcacacag	180
cctttccag	ccctgtacag	gaagaaggca	agtataaaat	accactgaac	cccggggcca	240
agtgggaggc	cccacccacc	cttcccccca	aacacacagg	aggctccatc	tccctccccc	300
caccctgaaa	acattcacag	ccctaggagc	aggattaggc	ccaccccaag	ccctgcactc	360
cctctgaagg	ggcacagcac	cctgtccacc	ccacctccat	atgtacatcg	ctgcccgaca	420
ctcggggcag	tgggggtagg	agagacaaag	tgatacgacc	ccttcccctt	catagctcca	480
atgactcatc	aggaggacac	atgccatggg	aagatttgac	ggagaaagga	aggctatgca	540
cgtacgagca	ggtgacatgt	acgcaactat	aagcacacag	aaacccatgt	gcaat	595

<210> 5898

<211> 2921

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(2922)

<223> n = a,t,c or g

<220>

<221> misc_feature

<222> (358)...(2122)

<223> similar to gi5912193 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 5898

gtggccatag	agcagacatc	tcttaagatg	atgcaggcag	taggaggtgc	acctgcacgt	60
------------	------------	------------	------------	------------	------------	----

cccactggag	aatatatctg	taatcaatgt	ggtgctaagt	acacatccct	agacagcttt	120
cagactcacc	taaaaactca	tctcgacact	gtgcttccaa	aattgacctg	tcctcagtgc	180
aacaaggaat	tccccaacca	agaatccttg	ctgaagcatg	ttaccattca	ctttatgatc	240
acttcaacgt	attacatctg	tgagagttgt	gacaagcaat	tcacatcagt	ggatgacctt	300
cagaaacacc	tgctggacat	gcacaccttt	gtcttctttc	gctgcaccct	ctgccaggaa	360
gtttttgact	caaaagtctc	cattcagctc	cacttgggct	gtgaagcaca	gtaacgaaaa	420
gaaagtctat	aggtgcacat	cttgcaactg	ggacttccgc	aacgaaactg	acttgcagct	480
ccatgtgaaa	cacaaccacc	tggaaaacca	agggaaagtg	cataagtgca	ttttctgcgg	540
tgagtccctt	ggcaccgagg	tggagctgca	atgccacatc	accactcaca	gtaagaagta	600
caactgcaag	ttctgtagca	aagccttcca	tgcgatcatt	ttgttagaaa	aacacttgcg	660
agaaaaacac	tgtgtattcg	aaaccaagac	acccaactgt	ggaacaaatg	gagcttccga	720
gcaagtgcag	aaagagggaag	tggagctgca	gactttgctg	accaacagcc	aggagtccca	780
caacagtcac	gatggggcgc	aagaagacgt	tgacacctct	gagcctatgt	acggctgcga	840
catttgtggg	gcagcctaca	ctatggaaac	tttgctgcag	aatcaccagc	tccgagacca	900
caacatcaga	cctggagaaa	gtgccatcgt	gaaaaagaaa	gctgagctca	ttaaagggaa	960
ttacaagtgc	aacgtgtgct	ctcgaacctt	cttctccgaa	aatggcctcc	gggaacatat	1020
gcagaccac	ctaggccctg	tcaaacacta	catgtgccct	atttgcgag	agcggtttcc	1080
ctccctttta	actcttactg	aacacaaagt	cacgcatagt	aagagtcttg	atactggaaa	1140
ctgccggatt	tgcaagatgc	ctctccagag	tgaagaggag	tttttagagc	attgccaaat	1200
gcaccctgac	ttgaggaatt	ccctgacagg	ctttcgctgc	gtggtgtgca	tgcagacagt	1260
gacctccacc	ttggaactca	aaatccatgg	gacgttccac	atgcaaaaga	cagggaatgg	1320
gtctgcagtt	cagaccacag	ggcggggcca	gcacgtccaa	aaactgtata	agtgcgcac	1380
ttgcctcaaa	gaattccggt	ccaagcaaga	tctggtgaaa	cttgatatca	atggcctgcc	1440
atatggtctg	tgtgccgggt	gcgtgaatct	cagtaagagc	gccagcccag	gcattaacgt	1500
ccctcccggc	acgaatagac	caggcttggg	ccagaatgag	aatctgagtg	ccattgaggg	1560
gaaaggcaag	gtggggggac	tgaagacacg	ctgctcttag	cttgcaacgt	ttaagttttg	1620
agtcttgaaa	gttgaaactt	cagaaccaca	tcccaaacca	ttccaccgag	gagtttcttg	1680
nccagacagc	aacagcacac	agttgaaaac	gccccaaagta	tcaccaatgc	ccagaatcag	1740
tccctcccag	tccgatgaga	agaagacctc	tcaatgcac	aagtgtcaga	tggttttcta	1800
caatgaatgg	gatattcagg	ttcatgttgc	aaatcacatg	attgatgaag	gactgaacca	1860
tgaatgcaaa	ctctgcagcc	agacctttga	ctctcctgcc	aaactccagt	gccacctgat	1920
agagcacagc	ttcgaaggga	tgggaggcac	cttcaagtgt	ccagtctgct	ttacagtatt	1980
tgttcaagca	aacaagttgc	agcagcatat	tttctctgcc	catggacaag	aagacaagat	2040
ctatgactgt	acacaatgtc	cacagaagtt	tttcttccaa	acagagctgc	agaatcatac	2100
aatgacccaa	cacagcagtt	agtgcagta	cagtctctca	aggagaattg	attttgtggc	2160
acaaaaaggg	aacatgtttt	actctttgca	cgaactttc	attgttaatg	tatattattc	2220
agaaacattg	tattgtacca	taaaacttgt	attatcaaac	tgttggaatg	tcattgtgtt	2280
gaacttttgc	gcaccggata	gaccccttgt	atataaagtg	ttgcacatgt	attatgtcgt	2340
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aaaaaaaaaa	aagactttga	ccaaaatggc	ttaaaataaa	gtatttttaa	ggaaaaaaga	2460
ttaaaaacaa	ctgttatata	tgagactatg	gttggacttc	cttttcttta	cacttaagcc	2520
tagaattttc	ctttaggtat	atcagcgctt	aaatccaaga	ctatttttta	ttgctgaaga	2580
ttcttgcaaa	ccatgaagag	atgttctcac	agaacagaac	cccacagctg	gataaggccc	2640
gtatatatat	atttgtaagc	cttgcaatgt	gacaggtagc	atcactatat	atgcaatagt	2700
tgttatgtag	actgtcaaag	aatttttttt	tccctggata	catttgaagc	tttgagtgtt	2760
caagggtttt	cttaattgatt	tcacgcagcc	aaattcttga	atcagttgaa	ctaacctgta	2820
tgttactggt	attaatgttt	actctgcagt	ctgaacctgg	agattactgg	aattgttttc	2880
caagaggaaa	taaattcagt	ttaccattag	gaaaaaaaaa	a		2921

<210> 5899
 <211> 2119
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc feature
 <222> (1321)...(690)
 <223> similar to gi310200 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 5899

tttttttttt	ttgcaggttt	agaaaataaa	gtttgttggg	atcttaaaca	ttttggataa	60
aactaacaaa	aaaatatgaa	cacacattca	ggttgtggtg	ctatgaggag	tagcgtcatc	120
ttatttagtt	ccttgagata	cacgcacggc	tgctcggtga	tcggtgccgc	cctgggaaag	180
gttggtcagg	aggtgacagg	ggtctccagg	aggagctcgg	gaggtgacaa	gggtctccag	240
gagggagcag	gggctgctcg	gccaggtcgc	cctggagctt	gaggataagg	tcaaggttgg	300
tatgtgttgc	tccgacttga	gaatgaatta	ggtgtgtgac	tgtgtggcat	cgtgaacatc	360
agtagtgacg	cagccgtggc	ctgggctttg	cctgcagcgc	acttaggtta	cacggagcgg	420
gacagaagc	aagcgattcg	gcacacaggc	gtttggccac	agcaattagg	aaatacatat	480
tctgcggcag	ggacacgatc	atattttggt	gtgaagaaga	gggcaagaga	agcagaagga	540
gaatgggtcg	gtaggtgtga	aaagtgtttg	gcatgcatgg	gattaaacag	aaaaggtgtg	600
gctgagattt	cccagtggtg	ctcacagtgc	atggacagcg	cggggtgggg	cacggcgggc	660
ttcacacagt	tctgtccgtc	cctgagtgtc	tcctcaccac	cttgccctcg	ttcacctggt	720
cgaccgccag	ggtcttcacc	tcgggctggg	cctgcggcgg	ggtggcgtgg	tggatccgat	780
gtgccacccc	gacgtggggc	ttgtgcggct	tttcgcgggc	cgggctgtgc	tgctcgccgc	840
ttcggtcgga	ggcgatgggg	gggatgacga	ggggcctctc	tttgatgagg	tggacctcgg	900
cggactccct	agccagcaga	aatggggtgg	ggtcgggcat	agcatccact	ggttcccgcg	960
aaaggagttt	cctgctctct	gccccgaatc	tgtagacctc	ttcaaattcc	gggtgcaagg	1020
gggctgagag	gctctttttc	atgcggcggc	gaggcgtttc	gggtagcttg	tctttggggg	1080
gcgctggctt	gtagctggcc	agcacggggc	tccctgacgg	gctggcatct	gaggtcccgc	1140
tggagctcat	gagcttcttc	ttggcggcgt	gcagctggga	ggtcaggtag	gcgatggtgc	1200
tggcccgtcg	ctccagctcg	ctagacagca	gggtcagctt	gtgactcttg	gccttcagct	1260
cctccaggta	cttcttctct	cgctccttga	tgggtgttctc	cagcactgtg	atcatcgctg	1320
ttttctgctc	cagttctttc	aacaactcag	cattttcgtt	ctctttcact	ttcagttggg	1380
cttccagctc	ttcacatctt	ttcttttaatt	cactgctttt	agaagtcccg	tctcctgtct	1440
gttccgaact	tttgactgtc	agctcatatg	ttaaatctgt	gcagtgtctg	tgcagccgcc	1500
tgatctcgga	gtgcagcccc	ttgagcgtgc	tggcatgtctc	ccgctgaagg	aacaggaggt	1560
tcttctgtgc	gctgtgcagc	tggttctcca	ggtttgtggc	tgccatgctg	acatccagag	1620
gaccttcate	gtaactcgag	aaatgtggtg	aagtcattgg	tctttctgga	aaagctacca	1680
gagtaattca	agacgcttgt	acagcactga	aaaatactga	ggatgaaatg	tgagttatct	1740
gcttataaat	tattattgta	aatacagaac	ctcagaatgc	attttcccta	atttgctatt	1800
ccagagaacc	ctccgtaaag	gaggtacaac	ttctcaatgg	ctcccaggac	gcagccattt	1860
tgtaggatgc	cacagtggaa	ccgtttttgga	gacactgaca	cacccaggct	gtcactgctt	1920
cagacgacac	caattgctca	tcaattatct	gtacgaccag	tgacatgcat	gcacactagc	1980
tctggagcta	ggacgagttc	ataacgaact	tcagacatac	actttcatca	cacgaaaaca	2040
cttcctgggc	gctgctccgg	tggaaagcca	cagactccac	tccgagggca	acctgagaac	2100
gcagagaagg	aaataaaac					2119

<210> 5900
 <211> 1781
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (273)...(544)
 <223> similar to gi2664281 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 5900

tccggtcgac	gatttcgctcg	ccatttttcga	gtgatgcctg	atctcatcaa	tctagcggga	60
gagacaggat	aacctgtccg	agagtatagc	gccactatga	ctccgcccga	aaaattactt	120
taaaaatcgc	caaaaattac	ttggagcaaa	gggcagtcgg	cggagcttcg	ccaaggctgg	180
cgcagtcggt	tttgacctgt	agcagagAAC	caattctgga	gaacagcctc	acttctttga	240
ttgaatactt	acataatgca	ttggaacatg	acatgagatt	aagggttaat	aatgatagaa	300
tgaagaccac	aataaaagag	acctctactt	agctcagcaa	ttcttacctt	gtttttccct	360
tgatgtgaag	tcttacctat	ttgatgaaga	tgtcttttga	aagggtgtact	gcaaggaaca	420
aaatgtttgt	aaattctcct	tttaccaagg	tggataatta	ctgtaccttc	ctccatggaa	480
aaagttttat	ttaaagtgtt	atctctcatt	gaatactatc	aaaaaggaaa	aaaaaatgac	540
ctaaactttt	gagatagatt	tggctctagt	aagtatttag	ttatatcact	tgcatactctg	600
ggagaagaaa	taagagacta	tcatcagtac	attcccatct	actaaaaaaa	tttattttac	660
acatgtcaag	ggattactta	taacttccat	tttattacta	atagcttgaa	cccttttaat	720
gaagacctaa	ctcctccacc	agaaatttaa	gtttatgttc	ttactttgtt	tacttataaa	780
atacatctca	ggtatttcgg	atgtcttttt	tttttctaag	cctatatgaa	atgaaaaata	840
tattggcaaa	gtaaatgttt	aaacctttta	cgtaaaaatt	actttgaaag	atgaaaagtt	900
agtgtctgtt	ttgtcacgtt	atactgaaat	taaatgttta	taatttatat	tttgggttta	960
tgtataaatc	atggaattta	tgcaaaaata	tgagtagtac	agattctcct	ctaattctgt	1020
aggactttga	ataatgtgat	atctttctta	taattggacc	cttgtgtttt	gaagaaatgc	1080
caactgcttg	aagaatctcc	ttgttatttg	tattatttgc	tatagggtta	gatgttgaga	1140
aattctgctg	acaaaaaatt	ttaagccagt	tttactacta	atgttcctca	gtctgattaa	1200
tttgttattg	gatgtattct	gtatctttct	tttgtaattt	gtgactttta	tccacttagc	1260
acgaatgatt	ctattaaaga	aaatcattag	gaagtggtag	aaactttaaa	tcgccccaga	1320
gtttgcctgt	ttccatattt	tattatctta	taatcttcgg	gagtgccttac	acttatggag	1380
ctaacatttt	cagagataca	gcttcttata	gtaacactaa	aactttcttc	ctctttggac	1440
tgaataccta	taattataac	tatatggtag	tttaagtttc	cttgtgatta	gtcaaaaata	1500
ccatttttagt	atgaagcaat	gaagtctatt	atttgttgtc	ccataattga	gaaagcttaa	1560
atacaccttt	tattaagagt	ttgtaaattc	tagcttagtc	tacacagatt	tttatatcaa	1620
tttgtttata	tttttattaa	tgtcatttct	ggaagtgtga	aaatgttaat	gttcaacaag	1680
caacattaaa	aatagatttg	aaacatttat	atatagagag	gtacacattt	atttactgtt	1740
taggtactga	agattatcac	ttaataaaaa	atatatatcc	c		1781

<210> 5901
 <211> 2876
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (403)...(2758)
 <223> similar to gi5679576 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 5901

tttcgtctga	cacgcacgac	tccccccgcg	gcaactgcac	gggttcggtg	acagccgaga	60
cgccgagtg	ttcccgagc	cgcccggggt	ccaggtcgga	aatgtagcca	gtggggccgc	120
cagcatccag	cacagtgagc	ggccccctggg	caccaccaga	aaacatttgt	gggtgaacgt	180
ggagtgatga	ccatgtggac	actgtctttc	cagggtttct	tggagcctct	gcagagtctg	240
ggggccaggc	ttcttagtgg	aaactgcagg	atcttccttc	tgaccctgc	ttgcctcgcc	300
ccagcagctc	cggttgagtc	cacagatgcc	agctcagctt	ccagcttggg	gaagagtggg	360
gttgtcagca	ggagagcctg	agggctgagg	cccagcgtga	acatggcagc	taatggggac	420
tctcccccat	ggtccccggc	cctggctgca	gagggacgtg	gcagctcatg	tgagcattga	480
gtcgttgtag	gcttcagtg	catttgagga	cgtgactgtg	gacttcagca	aggaggagt	540
gcagcacttg	gaccctgccc	agagacgcct	gtactgggat	gtgacactag	agaactacag	600
ccacctgctc	tcagtggggt	accaaattcc	caagtgcagag	gctgccttca	agttggagca	660
aggagagggg	ccatggatgc	tggaggggga	agccccacat	cagagctgtt	caggtgaggg	720
tattgggaaa	atgcagcaac	agggaattcc	tggaggaatt	ttcttccact	gtgagagatt	780
tgatcaaccc	ataggagaag	attcattatg	ttctatttta	gaagaactgt	ggcaagataa	840
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gattaaggag	aggggctatg	aacataaaaa	cattgaaaaa	ataattcatg	tgactaccaa	960
gcttggtcct	tcaattaaaa	gactccataa	ctgtgacaca	atgttgaagc	atactttaaa	1020
ctcacataat	cataatagaa	acagtgcac	aaagaacctt	ggcaagattt	ttggaaatgg	1080
taacaatttc	ccccatagcc	cttcctctac	taagaatgag	aatgctaaaa	caggagcaaa	1140
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tcagaaaatt	catcctgagg	agaagcttta	tgtgtgtact	gaatgtgtaa	tgggcttcac	1260
tcagaagtca	catctgtttg	agcatcagag	aattcatgct	ggagaaaagt	cccgtgaatg	1320
tgacaaaagc	aacaaagtct	tccccagaaa	accccgaggt	gatgtacatc	caagtgttta	1380
tacaggagaa	aaaccctatc	tgtgtactca	atgtgggaaa	gtctttaccc	tcaaatacaa	1440
cctcattaca	catcaaaaaa	ttcataccgg	gcagaaaacc	tacaaatgca	gtgaatgtgg	1500
aaaagccttt	ttccagagat	cagacctctt	tagacatctg	agaattcata	caggagaaaa	1560
accttatgaa	tgcagtgaat	gtggaaaagg	cttctcccag	aactcagacc	tcagtataca	1620
tcagaaaact	cataccggag	agaaacacta	tgaatgcaat	gaatgtggga	aggctttcac	1680
aagaaaatca	gcactcagga	tgcacacag	aatccacacg	ggagagaaac	cttatgtatg	1740
cgctgactgt	gggaaggcct	tcatccagaa	atcacatttc	aacacacatc	agagaattca	1800
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actccatgtg	catcaaagaa	ttcacaccgg	agagaaaacc	tatatatgta	cagaatgtgg	1920
aaaggtcttc	actcacagga	caaaccctac	cacacatcag	aaaactcata	ctggggaaaa	1980
accctatatg	tgtgctgaat	gtggaaaagg	ttttactgac	cagtcaaatc	tcattaaaca	2040
ccagaaaact	cacactggag	agaaacccta	taagtgcaat	ggctgtggaa	aagccttcat	2100
atggaagtgc	cgcctcaaaa	tacatcagaa	atctcatatt	ggagagagac	actatgaatg	2160
caaggactgc	gggaaagcct	tcatccagaa	atcaacacta	agcgtgcatc	agagaatcca	2220
tacaggagag	aaaccgtacg	tttgtcctga	atgcgggaag	gcctttatcc	agaaatcgca	2280
cttcattgag	catcatagaa	tccatactgg	agagaagcct	tatgaatgca	gcgactgtgg	2340
gaaatgcttc	actaagaagt	cacaactccg	tgtgcatcag	aaaatccaca	caggtgagaa	2400
gccaatatata	tgtgctgaat	gtggaaaagg	cttactgac	cgatcaaata	tcataacaca	2460
tcagaaaatc	cacactaggg	agaaacccta	tgaatgtgg	gactgcggga	aaaccttcac	2520
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tagtaaatgt	gggaaagcct	tcatccagaa	agccacacta	agtatgcatc	agataattca	2640
tacaggaaag	aaaccttatg	cttgtacaga	atgtcagaag	gcctttactg	acagatcgaa	2700
tctcattaaa	caccagaaaa	tgcatagtgg	agaaaaacgc	tataaagcca	gtgactgaga	2760
aagtcttcac	ctggaaatca	caactgggta	tgcacaggt	atctaatagc	agggaggagg	2820
aaggcctgtt	gctgcaatca	ttgtacaggg	ggaaatgggt	atgagagact	gaggct	2876

<210> 5902

<211> 802
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (632)...(209)
 <223> similar to gi3786408 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 5902
 ttaaagtgtg aatatttggg gaacacagac caaggctgtg ccctgatttt ccctttctga 60
 aagtcacact ttaactaaaa tatttctgtt ctacaaatth ccatatatca aaaaaaagct 120
 gtagaattta attcatagtg tcttctcaaa aggaagagga aaacaaaaac agttcttcgt 180
 aggagtcttt tatttttttg tgtcttaaat gtcaatgatc acaaaaactt ccgggttctc 240
 ttcatatag acctgcattg ctgaatatgt tattgctttg acttctgttc cctgaggggtg 300
 cttggacaat gaaaattctt ctccccaccc ggggtatgaa gaattcatca gcactgaact 360
 tataaagcca ttcattccaaa aagtgaacaa gaagagactg taagtcatct ccttgggttt 420
 ctacttctac tgtttggagg ggctccactg tcccagtatc tgtcatgtaa ccaaactatg 480
 ccattgcaca ttgctcaaat gcttcctcca gagtatctcc ccatgcgtgt aaccaagatt 540
 gaaacattca gtcttcctac tgacgtgggt tcaaaggaat gaactcccg ctaactcact 600
 ggacatctgc tgtatgatcc aaatatgtaa agagagaagt aagccaccta ctcacactcg 660
 tacttctat tgactggcgg atacttggcc ttgatcgct tctgttcttc agtcaaattg 720
 taatctctgg catcttcttc ttcttgcgcc atgactgcag gattagaccg gcacgagctc 780
 gtgcagagtt cctcaaagcg tt 802

<210> 5903
 <211> 2805
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (2788)...(243)
 <223> similar to gi299471 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 5903
 ttagttattg ctgttaatct cctactttgc ttgatttatt gatttattta ctgagatgga 60
 tcttgctctg ttgcctgggc tggagtgcaa tggcgcgatc tcggctcact gcaacctccg 120
 cctgccccac ctgggttcca agtgattctc ccgcctcagc ctcccagata gctgggacta 180
 caggcatgca ccaccacgcc cggctaattt ttgtattttt agacgagaca ggggtttcacc 240
 ctgttggcca ggctgggtctc aaactcctaa cctcaggtga tccaactgcc tcggcctccc 300
 aaagtgtctg gattacaggt atgagccacc gtgccagca gaatttttta actatttggt 360
 tacgactaat ttggataatg tagtgcattg agctttgatt tgtgccacta agagtgggca 420
 aactgtcttc ctttttgtga atcagtaaaa attttccctc aacatgtgtt tgacagttgt 480
 cattcactgc taagttaagg catttggtaa accacacagc ctctgcatcc ttctagcga 540

cagccacaag	aaaaggtggg	catgggaggg	aaaatgctct	tgtgaattga	actggaggca	600
agctccactt	ttcttttagaa	aaagatgtag	atcaaaataa	ctaataat	cttccttgct	660
cgatttctgt	gccttccatg	gtacatcaaa	ataataggac	cagtaatggc	cacaatcctg	720
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agccagccac	aacagatcct	aatgaaccat	acaatat	atgccggg	cagggagtat	1920
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<210> 5904

<211> 2765

<212> DNA

<213> Homo sapiens

<220>

<221> misc feature

<222> (1927)...(735)

<223> similar to gi412941 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 5904

ctgcagcctt	gacctcccag	gatcaagtga	tctctcccacc	ttagcctcca	gagtagctgg	60
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aggctggtct	caaatgcctg	gattcaagta	atcctcccat	ctctgcctcc	caaaagtgtc	180
aggattacag	gcgtgagcca	ccccgcctgg	cctgaactac	tatcttttat	tgtcttcttc	240
actatcccc	actaaagcag	gttcctgggtg	ggcaggaact	cctcccttaa	cctctctggg	300
cttgtttcct	cacctttaaa	atgggtgtta	tcagagtccc	tgcattctcag	agtgttgcta	360
tggtgactga	atgagttcat	taatgtaagg	cacttcaaca	gtgcccaagg	tgctcaataa	420
atagatctag	ctacagtagt	gttccccact	ggtcccctgt	gccttgatgc	cgggcaaaagg	480
aatagtgcag	acaggcagga	ggaggcagag	agggagagag	agggagtggg	agtgggggaa	540
cgtcagggat	ggagaccca	ggcaggcgcc	caatgacaca	gagatccgca	gtcctctctc	600
catctttaat	ggggcccccag	gtgggcttgg	ggcacgggtg	tcttaaata	cagcccccat	660
gggcaaggca	gcggggggcgg	ggcgggggtg	ggccgggcct	gccggggcgg	ggcggggcgg	720
ggcgggacct	cagctgcact	tgacaggagcg	cacgatcatg	ttggacagct	gtccacacct	780
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tactgcgtgt	ccaggctcca	aatgtagggg	cagggcccca	gggcagaagt	tggcatggta	960
gcccttgggc	ctcgtggaat	ccacttccca	gccgaaggtc	cttgcggaat	atcaaagtgt	1020
aacaatgccg	caacgcaagc	aattccttcc	tccgtggaag	ctgaaacaaa	taattgggtg	1080
cccagggcct	ggcgggtgccg	ggaagctttg	cagatgctgg	gccctctcca	gcgggggtgg	1140
catgagaagc	aggaaaggcc	ggttcatgcc	atgaatggtg	gccaggtcac	ctcgggcggc	1200
cggtagtgaa	cccgttgatg	tccacttgca	gtgtgttatc	cctgctgtca	caggagcagt	1260
gggcgctaag	gcgaaaggcc	tcaatttccc	ctccacggct	caaccactgc	cgcacaactc	1320
cggtgacatc	aaaagataac	cactctggcg	agtcgctggg	tgccagcagc	cggttgctga	1380
ggtatcgcca	ggaattgttg	ctgtatttct	ggtacagctc	cacgtgctgc	tccactttta	1440
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ctcggagctc	tgatgtgttg	aagaacatat	atatgctgtg	tgtactctgc	ttgaacttgt	1560
catagatttc	gttgtgggtt	tccaccatta	gcacgcgggt	gacctccttg	gcgtagtagt	1620
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tcaccagctc	catgtcgata	gtcttgacag	tggatagttc	cgcggccggc	cggccaggcg	1860
tcagcaccag	tagccacagc	agcggtagca	gcagcggcag	cagccgcagc	ccggaggggcg	1920
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ggaggccccg	cccctgcagg	ggctgggggt	ctcccgcaa	aaggtaggag	ggcctcgagg	2040
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ccaagaggtc	cccgcgcctc	cggctccca	cggcaacgga	aaagtctcaa	aagttttttt	2520
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gcggggggcg	cggcggtctg	tctcagactc	tggggcctca	ggctgctcct	cggcgactcc	2640
ttcctccgct	ccgggcccag	gcccggcccc	cgggcggctc	agagccgggg	ggggtgcccc	2700
ggacggggcg	tccccctg	ccccggccgg	ggccctcgct	gtctggctgc	tccgcggagg	2760
gaggt						2765

<210> 5905
 <211> 1874
 <212> DNA
 <213> Homo sapiens

```

<220>
<221> misc_feature
<222> (1)...(1875)
<223> n = a,t,c or g

<220>
<221> misc_feature
<222> (1829)...(1817)
<223> similar to gi5566244 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 5905
ttttgctcca agcgaattaa atggggaacc cccgggggttt tccccctccg acgttggttaa      60
aaccggggcc cggaaattga ttttgggggc cccaaaaaaa aaatttttacc ttgccagccc      120
ccggaaataa aacttgattc tttaaaacgg cccccctttt tttttttttt tcacatgtgt      180
aacattttatt atattaatac ttaacaaagc cctccaagac ccaggctccc cctaccccct      240
accttggggcc acgtcttcat cttagtcttt ggagagaaag ctctgaagtc aagtgggtgag      300
ttttccagaa caagtgggtc ttctccttga tgacggccca gtccctcaaag ctgtcgatgt      360
gttccttcag ccgcgagcag agctgcacgt tgcccacgta gtccaggagg acatcgatga      420
tgggccccgc ccagcgggtc acctctgggg cagatacgaa ctcacagaac tgcaccacgc      480
tgggctcctt gtcggcccgcg ggcgcgctcg tgaacctgct ggaggggctgc gggggccggcg      540
ggtgcgggcc gttgccgtag aggcattgaga agcagggtct gccgtcgag cccagggtcca      600
tgaggaaact gagcagcgac aggcacttca tggcgaacat gatggtggcg gggaaggcgg      660
tggggtgcgt ggcgatatag gcgtcgatgt tcgcgcgctg gtccagcagc agctgcattg      720
tgcgcaggca gccgtggcgg atggccacga gcaaggggct gatgacgtcg cggttgggggt      780
cggcgccgtg ttgcagcagc agctcggtgg cgtacacgtt gttgttgacc accgcgaagt      840
acagcgcgga gctgcgcccg tcttcgtaga ggcgcgcgcg ctcgggcgcc agcggcggtg      900
tcacgtcgaa gcgcgcgctc agcagcgccct ccagcacctc gtcgtgggtg cgctcggccg      960
ccagggtgcag cggactgacg ccgctacggc gtatgcgcgt gcggctgggt accggcagca     1020
gcatctgcac gatcctgtag ttgcccttct tggaggcgat gtgcagcggg agcaagccgt     1080
ccttgttggg cttggtggcg tcggcaccct gtgacagcag aaactccacc acctcctcat     1140
gctcattctt gcaggcctcg tagagggcag acgcgttgtc gctggcctgc gtgttgatgt     1200
cagcaccgta cttggctaag aacctcaagg cctccaactg tccactctgg gcggccacga     1260
acaaggggct gatgccgtag gcattcttgg attccacctt ggctcctccg ctaccaggga     1320
tctgcatgac ctccagggtc ttgcgagaca cagactcggt cagagcgggt cagccgcggt     1380
tgcagcgggt gttggtgtct gcgttgtgct gcaccaagaa tcttcacggc ttccgcgttc     1440
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gccccgtctt ggagcagtga caggagacag tccagggtgg ccctgcacgt tgccaaagta     1560
aacggcttgt ttcctcctgc aggggtgcgt ggtcgatggg cccttgggta cgctcgctgc     1620
aggactttca ggcagcccac ctggccatag tatgcggcct cgtgcagcgg cagccagccc     1680
tccttgttgg gctctgcgag attcttccct tccttgatca tggctttcaa ggctcttca     1740
gtcgccatcc ttgatggcct ttatcaaggg gtccgcaggc gccagctggg aggtcttgaa     1800
caagctgctg ctgtatttct gcatgacccc ttggaacagn cccattgggc ccgggcccggc     1860
gaactctcag gagg                                           1874

```

```

<210> 5906
<211> 2838
<212> DNA
<213> Homo sapiens

```


<220>
 <221> misc_feature
 <222> (2769)...(353)
 <223> similar to gi4995641 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 5906

tttttttttt	ttgactgttc	atggccatct	ttattcccag	tgctggctat	cccaaaatac	60
tgccaggcca	cagccaaccc	ccacctttgc	caatgtgact	gggtcaccac	cccatacacc	120
aaagcagcct	tgagccctgc	cccacccccct	gccctgcgga	agccaagtcc	ccagctataa	180
aacctgccc	ctcctgggtg	cccaggaccc	tcaaagatgc	acacaggggc	cccagcgagg	240
ggccccctcg	tcattagcct	tctcctccag	gctgggctgc	caagcagcct	ggagctgagt	300
ctgtcccttg	gacgtgggc	cacgtcacct	tctcctccag	aaggtttcac	ctatgggccc	360
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cacaggttgg	ccaggaggct	ggatgctgcc	cgggaggact	tctcactgtc	ggggctgtcc	480
cgcttcttct	tgatgaagat	gagctttcgg	agtccgtcaa	aatacagcag	gtctcgggca	540
agcgaatggg	gctggccaac	cacccagggt	tgttgaacac	agctatgaat	gttgaaccag	600
cacctcggct	gggggcgact	tctcaccac	gctgcctggc	agcttctcga	atcagggtggc	660
tccaccacct	tcgtggacat	ctcgtccttg	ttcctagcgt	tccgagacag	gtttcgggatg	720
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caggctccctg	cggccgcgac	cctccagccg	ctgcagcgcg	gacggcggca	tctcgtcgta	1140
gaggcggtag	gacaggttcc	gcaggacgca	caccgcgttc	tccacgctct	tgtcctcgca	1200
tttgcgcgcg	tccagggcgt	ggttgataga	ggtgaccagg	gcgtccacca	gcccgtggca	1260
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gcagccgctc	ggcctcgggc	ccctcggcgc	cccggcggtc	cagctgcagg	tcagagggca	2700
gcgccaggga	gcacacgcg	gcctcaggct	gcagggccga	cagcaggaag	ttaccgtcct	2760

```

gcatggcggc aggtccaccg ggcctgggcc tggcgccgc ctccaaaccc aactatcttc 2820
acgtcctgtc cggaattc 2838

```

```

<210> 5907
<211> 873
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (382)...(694)
<223> similar to gi4769004 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

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```

<400> 5907
gaatctagga cattctatag agcctggatt cttcaaaaaa gtcatacaca cacacacatg 60
tacgtacacc ttaatttata agatagaaat caaaagaaac tacagagatg aacagcccaa 120
tgcaaggcat gcccttcatt gatttctgga tttttttaag tcataaaaga tatttgggag 180
tcaactaaga aaattagaat gcaaactgta tattaatgg cattatggaa ttatcattac 240
ttttcttagg tgagataagg atattgtaat tatacaagag atgtccttca tctaggagat 300
ggctgctgaa gtattgaagg gtaaagtgtc ctgtgcttat aactggcttt caaacagaca 360
aacaacaaaaa gctgggtccaa aatggcagtg gcaatggatg cggatacccc aagaagtacc 420
aacagcagtg ctttgaagta aaaaagtga atgcagtagc tagccctctg ggcttgggat 480
gttgtggtta ataactgtgc catctgcagg aatcacagca tggatctgca ttgaatgtca 540
agctaacc aa gactctgcca cttcagaagt gtgtaccgtt gcacggggag cctgtaaccg 600
tgcttttcac ttcactgtct ctctcactgg ctcaaacac aacagctgtg cctgttgac 660
aacagacaat aggaattccc aaagtatgga caccagaaaa agaattcttc catcaagctt 720
aactgttttg tgattcattt aatgacttgc ccttctgtca cttaattata aattagatag 780
aactgtgtct tttctgcttt gtctttgcca tttgtgttgc tcgcagccac attgtattct 840
gtgtcaaata aagtccagtt ggattctaga gcg 873

```

```

<210> 5908
<211> 1316
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (886)...(224)
<223> similar to gi296669 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 5908

```

tttttttttt	ttggagaagg	aaatcgtctc	aattgtttat	tcgactcaca	gtcagtgcac	60
acactctacc	atccaaaagt	cgaagctgtg	acaatcgact	gctacaggca	gtgcatggat	120
gtgtaaaca	acacaaatga	aaatgcaaat	cagagtgggc	ggggccaagg	cccactgtta	180
cattcacagc	acagggtaag	tgcaaaagaa	caggatgtca	ggatgggggg	cggggagcac	240
agggtccttc	ctgccctgga	ggctgcctcc	aggcatcagc	ctgggaggtg	ggttagtgcc	300
catggaaccc	tcctgcccag	gaagctgcct	ccgggcatca	gcctgggagg	cgggttagtg	360
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agggtggggaa	gctgggtccg	ccacatacat	cctctgacct	cccccaagt	gtccccgggc	840
ccacaggtga	caggggcctg	agcgatccct	ggtctgagcc	cccagctcag	agcctagcac	900
cacccaggga	ggtctgggct	catggaagg	ggatggggcg	gggcaggagg	gcccagcccc	960
acctccgccc	gtctttgtg	gtgacagagg	tgggaggaga	aaagacgatc	tttggtagg	1020
cgagggaatg	tcaaaggaca	ctgtcaagg	cccagttcct	gctcagaaga	gagcacagga	1080
gtgggaggcc	cacctctgcc	ccatctctgg	atggcccagg	cctgctgccc	actaagggtg	1140
ccccactctc	cttctctgga	gttgcaaact	ctctgagaag	gcggttgagg	tggggagggc	1200
atcaggacag	gccagctgga	tgctgagacc	atatagccac	agggtggctt	tagctcagga	1260
cactgtgacc	ttctcctcag	ggctctaggc	cccatccttc	acctcctccc	tcccag	1316

<210> 5909

<211> 1913

<212> DNA

<213> Homo sapiens

<220>

<221> misc feature

<222> (419)...(132)

<223> similar to gi5816693 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 5909

ggaggacccc	ctggctggag	ctgaccacaca	gagtagggaa	tcatggctgg	agaattggat	60
agcagagtaa	tgtttgacct	ctggaaacac	tcattctcaa	tgcaagatcc	tccgtgcaa	120
tgctgagtag	gtatcgtcca	ctctgagcct	tagaggtggg	ggttcatcag	gagcacttcg	180
aggaggagga	ggaggaggcc	gggggtggag	ggtgggctct	ggcggcctct	gtcagacct	240
cgcctcctat	gcgctctgca	ctcggcgcac	cgcccgccac	tgccgcgggg	acctcgcctt	300
ccattcggcg	gtacatggca	tcgaagacct	gatgatccag	cacaactgct	cccgccagg	360
ccctacagcc	cctccccgcg	cccgggggccc	cgcccttcca	ggcgcgggct	cgggcctccc	420
tgccccggac	ccttgtgact	atgaaggccg	gttttcccg	ctgcatggtc	gtccccggg	480
gttcttgcat	tgcgcttct	tcggggaccc	ccatgtgcgc	agcttccacc	atcactttca	540
cacatgccgt	gtccaaggag	cttggcctct	actggataat	gaacttctct	ttgtccaagc	600
caccagctcc	cccatggcgt	tgggggcca	cgctaccgcc	acccggaagc	tcaccatcat	660
atttaagaac	atgcagggaat	gcattgatca	gaagggtgat	caggctgagg	tggataatct	720
tcctgtagcc	tttgaagatg	gttctatcaa	tggaggtgac	cgacctgggg	gatccagttt	780
gtcgattcaa	actgctaacc	ctgggaacca	tgtggagatc	caagctgcct	acattggcac	840
aactataatc	attcggcaga	cagctgggca	gctctccttc	tccatcaagg	tagcagagga	900

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tgtggccatg gccttctcag ctgaacagga cctgcagctc tgtgttgggg ggtgccctcc 960
aagtcagcga ctctctcgat cagagcgcaa tcgtcgggga gctataacca ttgatactgc 1020
cagacggctg tgcaaggaag ggcttccagt ggaagatgct tacttccatt cctgtgtctt 1080
tgatgtttta atttctggtg atcccaactt taccgtggca gctcaggcag cactggagga 1140
tgcccagagcc ttcttgccag acttagagaa gctgcatctc tccccctcag atgctggggt 1200
tcctctttcc tcagcaaccc tcttagctcc actcctttct gggctctttg ttctgtggct 1260
ttgcattcag taaggggacc atcagtccca ttactagttt ggaaatgatt tggagataca 1320
gattggcata gaagaatgta aagaatcatt aaaggaaggc aggggcctag ggagacacgt 1380
tgaaacaatg gacatttttc cagagtcaga tgtaggctgc agtcccgggg ttgaaattat 1440
cacagaataa ggattctggg caaggttact gcattccgga tctctgtggg gctcttccac 1500
caatttttcc agcctccatt tatttggtaaa ccaaattgtt cctaacccca tttactgcca 1560
gatttcaccc cttataagtt tagaggcca tgaagggttt taatggatcc agtaaggatt 1620
ttaaggggtg agatttttaa ggagccaaga gctgaaagca gaagacatga tcattagcca 1680
taagaaactc aaaggaggaa gacataatta gggaaagaag tctatttgat gaatatgtgt 1740
gtgtaaggta tgttctgctt tcttgattca aaaatgaagc aggcattgtc tagctcttaa 1800
ggtgaaggga gtctctgctt tttgaagaat ggacagagta ggacagaagt atcatcccta 1860
ccccctaact aatctgttat taaagctaca aattcttccc cccaaaaaaa aaa 1913

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<210> 5910
<211> 864
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (462)...(764)
<223> similar to gi3288493 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

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<400> 5910
agtcagggga gacctgggtc ccccgcactg acttcttttc tctcacagg gcaccagcct 60
ccaaatgggt atggaccggg agcagaacca ggtgaggagg cccttctctg agttctctcc 120
ctcccttccc ttctctttcc ctctcttccc ttctgccatc ccaggaagag gggaggccag 180
ggctgtgggt ctgctgacc cccatctgtg agtcacagtt ttctctcccc caggttttta 240
tggtggcctc gagccacaga aaattggtga gtctctctg gcccccgacc catgttgagc 300
ggaagctggc atctccctca tgctgagtc agtctgtctg tccgcatccc cctgtctatg 360
agctggctac ctggccctcc tgatgctgtc cctgttccac tagcctgtcc ctagctcttc 420
tccaatctct gtctctcagg tttaggttat gggaaatggt tctggggagc cagggtcttc 480
cccgaggccc acccacagcc aggtgcctgg ggagcagggg tcgggggtgg agagttgggc 540
tcagggcccc agcccagcct ctgacacctt ctttctctcc ccagggttcc atggggccaa 600
tggttttagg aatagttagt cagaccaggg ggacaaagtg cagtggagtg ggggagacaa 660
cagcccaggg gctaggcggg aatgaccaga gtctcttggg ggggatgggg tggaagctct 720
ggtgtacccc aaagcagcag ctccagcccc tgaaggaaat ggtaagaaat gaggcttctg 780
ggagcagagc caagcccaac aggggccagg ggtcccagct cctgtgggca agggtacccc 840
tgccatcaga attccaccgc acgg 864

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<210> 5911
 <211> 978
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (737)...(262)
 <223> similar to gi206352 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 5911
 tttttttttt ttctaaatgt gtttactatt ttttttttac tcttaaagtg atgttattta 60
 catgtgttgt tagaatgcaa accttatcag taggacatca aggattaagc tctggcagta 120
 ttaatagtta gaacagtcac atgtatgcaa atttttacat agttaaaaag aagaatcact 180
 gtaaaataaa tgcttattct ttaattataa gtgatgtgga acaatgtgta cttagttcta 240
 aagttcagtc aaggagactt ccaggatgtg catagctact gtatgagtgt ggggtgcaga 300
 gatggaggat gcttctggaa gtcaagcagt ggaattccat ggtatactca gaaaagttaa 360
 tagttcagtt atttccaaga agccttcttg ctgcagacca gtaattaatg gtcccgtgc 420
 tcctctcttt cattggtgcc ttcttcttct tcagggaatg ctgattcatt ctggcctttc 480
 agatgcttaa ccccttttat ggtgggtggt gtgtacacac tctgcttcct ttgcttaggg 540
 gatgcattct gtaattcccc ttgtgtgttg ggccccctct tgatcatctat ttctgggggg 600
 ttatgctcat tgagaatcac aagtgatgct ggtgtaggtc ttcttttctt gatctgctct 660
 gctgcttcag gtgcaatctg actctggaat acaggcacgg caaactgtat ctttttgggg 720
 ctgttgggct ccatggtaat gatgataatt agtcagagat gtgaagagct cagaaagact 780
 aaccctaagt ggtgtccggg atgtgtttcc tcagacacac tccactaagc cacacagagt 840
 gcttcgtaat aaatagctgt aattccagat cgagcaagtg aagatgccga ggtttgagta 900
 acccccttct tcaacatcca cggtgatgcc tggcttgccct gttcccccac caatcccttg 960
 gatcctctca gcacaata 978

<210> 5912
 <211> 783
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (706)...(737)
 <223> similar to gill196912 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 5912
 cggcgggtgcc cgggcgtccc ctgcagacac gcagccccgt ggaactcccg gcgggacggt 60
 tggggctgga ggaacaggac gcccgctctc ggccctccctt cccgggcctg ggctgagggc 120
 agccgttggt gggtttcagg gccgcctggg cagaatgtca cgatggacga gggcggcacg 180
 ccctgctcc cgcacagcct ggtctaccag atcttctga gcctgggccc ggccgacgtg 240
 ctggccgccc ggctggtgtg ccgccaatgg caggccgtgt cgcgggacga gttcctgttg 300

agggagcagt	tctaccgcta	ctaccaggtg	gcccgcgacg	tgccccgaca	cccagcggcc	360
atgtcctggt	acgaggagtt	ccagcggctg	tatgacacgg	tgccctgcgt	ggaggtgcag	420
acgctgcggg	aacacacaga	ccaggtcctg	cacctcagct	tctcccatc	cgggtaccag	480
ttcgctcct	gctccaagga	ctgcactgtg	aagatctgga	gcaacgacct	gacctctcg	540
ctgctgcaca	gcgcggacat	gcggccctac	aactggagct	acacccagtt	ctcccagttc	600
aacaaggacg	actcgctact	gctggcctcg	ggggtgttcc	tggggccgca	caactcctca	660
tccggcgaga	ttgctgtcat	cagcctagac	tccttcgcgc	tgctgtcccg	cgtgcggaac	720
aagccctatg	acgtgtttgg	ctgccggctc	accgagacca	gtctcatctc	ggggaacctg	780
cac						783

<210> 5913

<211> 1287

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1084)...(194)

<223> similar to gil907076 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 5913

tttttttttt	ttatttgc	gtgccaggaa	atatacctaca	tttattgtta	caaaaacccat	60
gttatcacgt	tagtgtggaa	ttcttttagaa	gcccgcgcta	aataagcttt	agaaatggaa	120
tgcttcaat	ggctcaatct	cagaaatggc	aaaattctag	gacacatcaa	gacctgctct	180
tccgctttcc	actagttccc	aatctttgat	ttccagggtt	tggccctttc	aaacccattt	240
tttgcgtttc	tgaaatcaag	aatagcttga	gaaatctctt	cattgggtgtt	catcacaaat	300
gggacccatgt	tgggataact	gggttctctt	aatggctccc	cagcaattaa	gacaaagtgg	360
gcttctcttg	ggatccttgt	tctccacttg	ggacactggg	caccttctcc	aagcaactgc	420
tgtgtgatga	ggttctat	ttttgggtggg	gcatcatcgg	gccccatata	cacatctcca	480
gatatacgtgt	aaatgaagct	tgtccaccct	ttaagggaata	ggttgggaaa	tgtttggtctc	540
cctgggtcca	atttgaagtc	caaataataag	gttgggtgtgc	caagtgtaaa	ccttggaacct	600
tattcccaga	gctttctcag	aaatgacagc	aactgtcaca	ccatcctact	tgggggttaag	660
ggatttcttt	acttttccagt	tcctgggtac	ttggggctcc	accatcttct	ctgagctcct	720
caaattaaac	ccacagttgt	aagcccatgg	gctgggctcc	tctgagcaag	gcatctcagc	780
gtgcagaatg	ccccggcccc	cagtcaccca	ctgcaaatct	cctgggttca	ttttaccagt	840
gtgtccacag	aagtcttcat	gggccatgct	gcccccttcc	aggaggtagg	atactgtttc	900
aaaacctcga	tgtggatgat	caggaaatcc	tcctggtcta	cctcctttta	attcatcaaa	960
cagtaaaaaac	ggatccagat	tttttaactc	gggtctgcca	atgcttctcc	ggaccctcgc	1020
tccaaccct	tccgactgct	cccggtgag	cactgagaga	gtaactttct	tggaggaccc	1080
catatccgag	tctaataaaga	gagtgttctg	atgctgagct	gtagaggatg	gaggggctgc	1140
ggtagcggca	cctggagcct	tagcggcggg	ggtgacgcga	agagccgcgc	ggagcagagt	1200
cagggagggc	aggttaagag	agtgtgggtc	cagtcgcctc	accgtgactc	agcgccttcgc	1260
ggccggcggc	ctagaggagg	cgggagg				1287

<210> 5914

<211> 2977
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (57)...(2602)
 <223> similar to gil907120 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 5914

caagtgtgga	gaaagcggct	ctgggtctag	attgagggat	actccccctt	tccaccatgg	60
gcaagaaggg	caaagttggc	aagagccgac	gagacaagtt	ttatcacttg	gcgaaggaga	120
cgggttaccg	ttcccgatct	gctttcaagc	tgatccagct	caatcgccgc	tttcagttcc	180
tgcagaaagc	ccgagccttg	ctggacctgt	gtgctgcgcc	agggggatgg	ctgcaggtag	240
ctgccaaagt	tatgcctgta	tccagcctta	ttgtgggagt	ggacctgggt	ccaatcaagc	300
ctctcccca	tgtggtgact	ctccaggagg	acatcacaa	agaacgttgt	aggcaggccc	360
tgaggaagga	gctgaagacc	tggaagggtg	atgttgtgct	caatgatggg	gcccccaacg	420
ttggggctag	ctgggtccat	gatgcttact	cacaagccca	tttgacactg	atggctctac	480
gtttggcttg	tgactttttg	gcccgtggtg	gcagcttcat	cacaaagggt	ttccgttctc	540
gtgactatca	gcctctgcta	tggatctttc	agcagctggt	ccgccgtgtc	caggccacca	600
agccccaaag	ctctcgccat	gaatctgcag	agatctttgt	agtctgcca	ggattcctgg	660
ccctgacaa	ggttgacagt	aaattctttg	accccaaatt	tgcttttaag	gaggttgaag	720
ttcaggctaa	gaccgttact	gaattgggta	ctaagaagaa	gccaaagggt	gaaggctatg	780
ctgagggtga	cctcactctc	tatcaccgta	cctcagtcac	tgacttcctc	cgagctgcca	840
accctgttga	cttcctctcc	aaggccagcg	aaatcatggt	agatgatgaa	gagttggcac	900
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gcaaggagct	cagggtcgcta	ctaaactgga	gaacaaaact	tcggcgatat	gtggccaaga	1020
agctgaaaga	acaagcaaag	gcactggaca	tcagcctcag	ctctggagag	gaagatgaag	1080
gtgatgagga	ggactcaaca	gctggaacca	caaagcagcc	ctctaaggag	gaggaggag	1140
aggaggagga	ggaacaactg	aaccagacct	tggcagaaat	gaaggcccag	gaggtggcgg	1200
aattgaagag	gaagaaaaag	aagctgtttg	gtgagcagag	aaagcagcgg	gagcgtgtgg	1260
agctgaagat	ggatctgcct	ggggtttcca	ttgcagacga	gggggagact	ggcatgttct	1320
ccttgtgcac	catccggggg	caccagttat	tagaggaagt	aacacaaggg	gatatgagtg	1380
cagcagacac	atctctgtcc	gatctgcca	gggatgatat	ctatgtgtca	gatgttgagg	1440
acgacggtga	tgacacatct	ctggatagtg	acctggatcc	agaggagctg	gcaggagtca	1500
ggggacatca	gggtctaaag	gaccaaagc	gtatgcgact	tactgaagtg	caagatgata	1560
aagaggagga	ggaggaggag	aatccactgc	tgggtaccact	ggaggaaaag	gcagtactgc	1620
aggaagaaca	agccaacctg	tggttctcaa	agggcagctt	tgctgggatc	gaggacgatg	1680
ccgatgaggc	cctggagatc	agtcaggccc	agctgttatt	tgagaaccgg	cggaagggac	1740
ggcagcagca	gcagaagcag	cagctgccac	agacaccccc	ttcctgtttg	aagactgaga	1800
taatgtctcc	cctgtacca	gatgaagccc	ctaagggaac	agaggcttct	tcggggacag	1860
aagctgccac	tggccttgaa	ggggaagaaa	aggatggcat	ctcagacagt	gatagcagta	1920
ctagcagtga	ggaagaagag	agctgggaac	ccctccgtgg	taagaagcga	agccgtgggc	1980
ctaagtcaga	tgatgacggg	tttgagatag	tgcctattga	ggacccagcg	aaacatcgga	2040
tactggaccc	cgaaggcctt	gctctagggt	ctgttattgc	ctcttccaaa	aaggccaaga	2100
gagacctcat	agataactcc	ttcaaccggt	acacatttaa	tgaggatgag	ggggagcttc	2160
cggagtgggt	tgtgcaagag	gaaaagcagc	accggatacg	acagttgcct	gttggttaaga	2220
aggaggtgga	gcattaccgg	aaacgctggc	gggaaatcaa	tgacgtccc	atcaagaagg	2280
tggctgaggc	taaggctaga	aagaaaagga	ggatgctgaa	gaggctggag	cagaccagga	2340
agaaggcaga	agccgtggtg	aacacagtgg	acatctcaga	acgagagaaa	gtggcacagc	2400
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tagccaaaaa	aggtgtgggc	cgcaaagtgc	gccggccagc	tggagtcaga	ggtcatttca	2520
aggtggtgga	ctcaaggatg	aagaaggacc	aaagagcaca	gcaacgtaag	gaacaaaaga	2580

aaaaacacaa	acggaagtaa	gcagagctgc	caggctccca	ggagagcatg	gggactagga	2640
ggaaggggtgt	ggcatggctc	agtctggccc	ccttgattac	cggcctagcc	cctgctcaca	2700
tcacagctgt	ctgaagaaca	gtgaggtgga	gtgcctagaa	ctcccgtggt	ggtcctgagc	2760
agagaggagg	atgtcctcct	gcctgcctga	aggtctccca	tgaaaacact	gctgaactgt	2820
gttgacactc	atgacccttt	ttttaaacgg	ttaaagggaa	gttcgggtgt	ggagcgatac	2880
tcaatgtagt	cagtctacac	ctggacgtgt	gggccactta	agccctcccc	accccatcc	2940
tattcctaaa	taaaaccagg	ataatggaaa	aaaaaaa			2977

<210> 5915
 <211> 1012
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (235)...(818)
 <223> similar to gi297547 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 5915						
cgaccacgc	gtccgctcta	cttatccttc	caatgatcac	tgccaagttc	tctttagcca	60
tgcaaatggt	ttctcttgac	gattgaccca	tgaacacttg	aaaggaaggt	gtattctgcc	120
actttaaaat	gaagtgcctt	ataaacaaca	aagagctcaa	gttagctaaa	actggatata	180
ggcgcagatt	tattatatga	atatattacg	tagtggcaaa	gtccaggctt	ttaagacatg	240
attgggaagg	tgtttatatt	tcctaaagaa	tctaatagtg	ctcacgtgag	cttgatcaca	300
cagctggaga	aatctacaga	acttcactgc	gtgtcttcat	gcttataccg	acctctccca	360
tggctatcgc	ctcttctcct	acagcatcca	gaccaagagc	aatgagatgg	tcatttttaa	420
gtctcaaatt	ggggagtaca	atcttatcat	tgggggtgac	aagggtttct	tcaaggctctg	480
tgagaatttc	cccaccctgg	tgcacatcta	tgccagctgg	gagtcctcct	caggcattgc	540
tgagttctgg	gtcagtgaga	agccttaggt	gaggatgggg	ctaaggcagg	gtttctctgt	600
gggagcttac	ccaagattg	ccctgggtag	cagcagggtt	cctatggagg	caagtttggt	660
aagagccagt	ccattgtggg	agagattgga	gatgtgtaca	tgtgggactc	tgtgctgtcc	720
ccagaagaaa	tctggtttgt	gtatcaaggt	atctacatca	aaccaatat	tctggactgg	780
cgggcattga	actatacaat	gcaaggttat	gtggtcaccc	agtcaccataa	atagagttga	840
agttctgctt	caacaggaca	aagttactgg	gaaggaaatc	ccaacatga	aagaccagct	900
ctgaagacaa	ttctacttca	tgccttatgt	ctatttctct	gttttctctg	aatttcctat	960
ctattgaact	gcttaattta	caataaaaagt	acaatgcctt	ctaaaaaaaa	aa	1012

<210> 5916
 <211> 1832
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (294)...(1441)

<223> similar to gi2828790 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 5916

caagatgctc	agctagcaga	gctgacttcc	tgccacaaaag	tagtgtggcc	tcacagtcgt	60
cttctgaagg	caagctggct	acaaaagggtg	acagctcggga	gagggagaga	agggagcaaa	120
atttacctgc	acgtcccagc	agggctcctg	tgagtatttg	tggtgggtggg	gaaaacacct	180
caaagagtg	agaggaacct	gtggtcaggc	ccaaaatcag	aaacctggca	agtccaaact	240
gcgtgaaaac	aaaaattttt	tttgatactg	atgatgatga	cgatatgcca	cacagtactt	300
ccaggtggag	ggataaccgcc	aatgacaatg	agggccactc	ggatggcctg	gcaagaagag	360
ggagaggcga	gagttcaagt	ggctatccccg	agccaaaagta	ccctgaagac	aaacgggaag	420
cgaggagtga	ccaagtga	ccagaaaagg	tgccgagacg	acgacgcacc	atggccgacc	480
ctgacttctg	gacgcacagt	gatgattact	acaaatactg	cgacgaagac	tctgacagt	540
acaaagagt	gattgctgct	ctgcgtcggga	aatatcgaag	ccgagagcaa	accctgtcct	600
ccagtggcga	aagctgggag	actctgccgg	ggaaagaaga	gcgggaacct	ccacaggcta	660
aggtgagtg	cagcactggc	accagccctg	gccccgggtg	tagtgccagt	gccggggctg	720
gcgccggggc	cagtgtcggc	agcaatggca	gcaattacct	tgaagaagtt	cgagaaccat	780
ctcttcagga	agagcaggca	tccctggaag	aaggagaaat	tccttggctc	cagtaccatg	840
agaatgacag	tagcagtga	ggggataatg	attctggtca	cgagttgatg	caacctgggg	900
tattcatgct	ggatggaaac	aacaaccttg	aagatgactc	cagtgtgagc	gaagacctag	960
aagtggattg	gagcctcttt	gatggatttg	cagatgggtt	aggagtggct	gaagccattt	1020
cctatgtgga	ccctcagttc	ctcacctaca	tggcacttga	agaacgcctg	gcccaggcaa	1080
tggaactgc	ccttgcgcac	ttggagtctc	tcgcagtgga	tgtagagggtg	gccaatccac	1140
cagcaagcaa	ggagagcatt	gacgctcttc	ccgagatcct	ggcactgaa	gatcatggcg	1200
cagttggtca	ggagatgtgc	tgccccatct	gctgtagcga	atatgtgaag	ggggagggtg	1260
caactgagct	gccgtgccac	cactatttcc	acaagccgtg	tgtgtccatc	tggcttcaga	1320
agtcaggcac	ctgccccgtg	tgccgctgca	tgttccctcc	cccactctaa	agaccaaggc	1380
cgtttactcc	tgggtctgatt	attttcccca	tctgaaatcc	acaatactgc	aggagccctc	1440
ttgaaattaa	caatggaaat	aaaaccaatc	agtcagttag	cctaaaccta	ttgattcctc	1500
gtgattat	ccaatgtgaa	aacagttgtg	tatgattgca	ttaaaaatca	tatcatcttt	1560
tagaggttag	aaaagggaaa	actaaacttt	ctaaatgcta	cttgagattg	cagtaagaag	1620
atacgttt	taacctgaaa	gttaaatcgc	atttgttt	ttcagtagaa	tgggaatgtg	1680
ttgctgttac	ttgtaatgtc	aagtttatct	gttaaatatg	tccaaaaggc	aaaatcattt	1740
ttgttgcatg	ttatgggtcg	atgttcctgt	aattgcagtg	ccgtaaaagc	ttattaaagt	1800
tgttcttttg	gttttacatg	gtaaaaaaa	aa			1832

<210> 5917

<211> 1286

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (802)...(1132)

<223> similar to gi5104682 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

<400> 5917
tttttttttt ttaaccaa atgaaaatgt gttttatttc tcagtacaaa gccagatact    60
gtaaggctat gaaaaactga ctaggcagag gccagaaagg acaaaaagaa gactatctct    120
ggcctggtgc cctgtgatct ggcgtggtgt cacaggaggt ctggggacag cagcaaagac    180
ctggaccggt ggaggtggat gagggaagcg atctgccagc ccttccagcc tcccgcggct    240
ggggcctgag gatcctgcct gcctttgggg gccactggtt gcctggcctg gctggttcca    300
ggaatgaact gggagaggac aggaggtgca gggagggggc gggggtggga ggcgtgacct    360
tttttgcacg ggaagctctg ttttcattcc gtgccacagg tgagtgtgca gggctagagt    420
tgagaatgaa actagggtgc tgttgcccc aaaggtacct tcagtccctc taccacatcc    480
cagttagaaa gtcttgagcc cttggacagg cagacatggg cctgggactt aaggctgtag    540
gaggtgaggg tgtagtga caagggtatg gggcggagct gagaggaatg tgtgcggcaa cagacgtgag    600
aggctgtagt caagggtatg gggcggagct gagaggaatg tgtgcggcaa cagacgtgag    660
ggtgtttctc caaggagttg tggatcctct tcagtgtcag gggagcgtgg gcatgtgtga    720
gggctcaggc ctgcacctcc tctccactgt catgcacgct ggctgtctc accaccttcc    780
ggaacctggg cgtagaggaa atgcagggct ctccctgccc ctgcccctgc ccctgctcct    840
gctcctggaa ggctgggtc cggttgggca ccacggcact gccctggagg gtaaccactg    900
actggcggga cttcagggca ggctgaggcc ccctgtccac ctgctggcct cccttggtcc    960
ttgcaagctg tgggaagggc tgcagaggct cttcatgtga agactcgtgg gaagagaaga   1020
cctctggcat gtcactgtgc tctgaggtgc tctccagctc caaggagggc tccagaagac   1080
tgatggacct catgacctct cggaggttta tacgtggccg tggcccaggc tcttctttcg   1140
gggctgcctg gctctcttcc atgcctacaa ccttctcctc cccaccaccc tcaggttctg   1200
gcggaagagg tgggaatggt gtagagactt caggggctgg gtgctcctct ggggagacct   1260
caccacgaa ttccaccaca ctggac                                     1286

```

```

<210> 5918
<211> 2073
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (321)...(1127)
<223> similar to gi2690100 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 5918
aaatgatgga agaaattgaa aatgcaatta acacttttaa agaagagcag aggttgatat    60
atgaagagct aattaaagaa gagaagacaa ctaataatga gttgagtgcc atatcaagaa   120
aaattgacac atgggctttg ggtaattcag aaacagagaa agctttcaga gcaatctcaa   180
gcaaagttcc tgtagacaaa gtaacaccaa gtactcttcc agaagaggta ctagattttg   240
aaaaattcct tcagcaaaaa ggagggcgac aaggtgcctg ggatgattat gatcaccaga   300
actttgtaaa ggtgagaaac aaacataaag ggaagccaac atttatggaa gaagttctag   360
aacaccttcc tgaaaaaaca caagatgaag ttcaacagca tgaaaaatgg tatcaaaagt   420
ttctggctct agaagaaaga aaaaaagagt caattcagat ttggaaaact aaaaagcagc   480
aaaaaaggga ggaaattttc aagttaaagg aaaaggcaga caacacacct gtgctttttc   540
ataataaaca agaggataat caaaagcaaa aagaggaaca aagaaagaaa cagaaattgg   600
cagttgaagc ttggaagaaa cagaaaagta tagaaatgtc aatgaaatgt gcttcccagt   660
taaaagaaga agaagagaaa gagaaaaaac atcagaaaga acgccagcgc cagtttaagt   720
taaaattact actagaaagt tatacccagc agaagaaaga acaggaagaa tttttgaggc   780
ttgaaaagga gataagggaa aaggcagaaa aggcagaaaa aaggaaaaat gctgctgatg   840

```

```

aaatttccag atttcaagaa agagattttac ataaacttga actgaaaatt ctagatagac 900
aggcaaagga agatgaaaag tcacaaaaaac aaagaagact ggcaaaatta aaagaaaagg 960
ttgaaaacaa tgtagtaga gatccctcta ggctttacaa acccaccaaa ggttgggaag 1020
aacgaaccaa aaagatagga ccaacagggt ctgggccact tctacatatc ccacataggg 1080
ctattccaac ctggagacaa ggaatacaga gaagagtatg agataatcaa attgctactc 1140
agttgataag aatgttaaca tactaagtta taccagggag agagtgacta accacattct 1200
ttaaatatca atagcttagt cagattgatt attgtgctat attgtgaatt gagagggtatt 1260
aagtttcatg aggctttgtc attagtattc ctgcttctac caagaaggta tttaatatat 1320
gtgttggcct attattgatg taaaagtatt ttaaataagt taatgttaga aacattattc 1380
aatttaaata ctgaaaacat ttcaaagaga ttttgttttt gttatagcat agcaaagtaa 1440
attggaacaa tcattccaat gacatttttt taaacaaaaa tttttgtaac ttttataact 1500
tggagttaag ttagcttagt taacaaaaag gtaaagtggg ttttgttttag agttaacgaa 1560
atgttagtac tttttctaatt gtttaaccaa attggcagtt tgtcagttat gacattttttg 1620
tgtaataaat attttgtatt tgtttgaagc atgctttggt ttatatagag aatatttatt 1680
ttaaaaaat gtcctctcata taccctatta attgtattat tgatataatc tttttggttt 1740
ccttcagcaa ttccaaattt tccttcagcc tttctggatt tcacagattt ataaaaatcct 1800
tgtgtctttc acatcttcct ggctaattgca gttttctttt ctgcttctgt ttgcctcaaa 1860
ataggaaaat tctttgttct gaaacatcat ctgaaataag ccagctttta aatactgtga 1920
tttctcttga tggcacttaa aatgttttag gtggggcatg gtggctcatg cttgtaatcc 1980
cagcactttc agaggtcaag gtaggagaat tgaggcctgg agtttgacac tagcctgggc 2040
aacacaggga gaccctgtct ctacagaaaa aaa 2073

```

<210> 5919

<211> 873

<212> DNA

<213> Homo sapiens

<220>

<221> misc feature

<222> (559)...(665)

<223> similar to gil335199 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 5919

```

acctagctgt gtccccacaa ggcggaaggg ggcaaacaag ttccctcagg ccactcttac 60
ggggcattaa tccctgactt aatcacctcc taaaaagggt gtcctcttga cactatcaca 120
ttatggatta gggttcaacc tatgaattac gtaggcacag acacattcag atcctggcac 180
tacatgtagg atattcagtt agcccctggt tgaggggctt ttgtgttgct actggttttc 240
tgctattaca cataaccctt taatgaattg ccttacgcat gcatgttttt gagtgttcgt 300
cagtctctct ttggaataga ctcccagaag tgggaattgct gagtcaaagg gtaaatgcat 360
acggaatttt gattgatacg gccacttccc atccatgggg gttttactgt tttatattcc 420
cgccagcagt gaatgagtag ccttttttcc ccaacagagt attttgtcaa atttttcaat 480
ttttgcaggc ttatagatga gaagtgatat tatctcactg tacttctaatt tgcatttctc 540
tcttttcatg tggttaagag ccatttgtat tttctgtgaa ctattttaacc tatttttcta 600
tagaattttt ggtctttttc aaccattttc agctctttgt atactaggaa tattaaccct 660
ttgtaatgtt tgttgtacat atttttccca atttgtcatt tatcttttca cttggtttct 720
gcaaagattt actttatttc tgtgttaaat gtgttgattt tttcttattg cttctggatt 780
ttagagtcac aggaagggtt tcttcattcc cagcttttac aggaatttat cgtgtttttt 840
tcaggcagac ttttatagtt tctggtttta cat 873

```

<210> 5920
 <211> 1470
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (668)...(1281)
 <223> similar to gi53797 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 5920
 tttttttttt ttctgggggc tgcttttatg gggacgacct gacagagggc atgggtccgta 60
 caaaaccggg aacaatacat acatatatat attatataca gagatgcggc cctcccgacg 120
 gctgggcagg ggtggccgct ggcccaagca gcccgaaagc gccccgcca cccggttccg 180
 cccccccat ctgccggggt gaagtgcgcg agcccaggac tgagacagcc agctccttca 240
 ggggatgggg gcacatctgg ggataggaag ggggtggggac aagaaatact gatcgaagtc 300
 atgggtctatt tacagggggac aagaagccaa aacggatggg atgggtgggtc tgtttttaaa 360
 aaatgaacaa aaacccagtt agggcagggg catgaagtgg caaaatgaga tggattttga 420
 aaggggaggg gacctggggg aggtgggtctc acctcccttg gtccaagccc caatttgggg 480
 ttaaagtggg gaaacagagt cgatttctact tagaaggcag gctgccagca gggcagccct 540
 ggtctccaaa aagatgagta gtagtaaaat tttgccctcc agtcaaaaca ttggaaaacc 600
 agtagggggg gggggcgagg ctgactccct gcaatgtcag taggcttcca ggcatcgccc 660
 tgggctgggc agacagggca gcacaggata ggacctgact ctccaggag aaatgttccc 720
 cttgcctaag accagggtcg ctgtagccag acccccttct ctccctggca ttcccaggct 780
 tgaccaggaa acctggaccc cagagaggcc acataacagt tccaagacga ggttatggct 840
 atttggcacc tggaagaggg gaggcacaag gagaaattga gggctgctgc cccaggcaat 900
 ggggagctgg ggaccagggt tcctgaactc tccctttttc ccaactctac tccccctttt 960
 cccgaaggac acatgagaaa tcagtgcagg gccagggcca ggcccagcct ccgggctctg 1020
 ggggtggactc tatccctccc aggacaggga acagggatgg gggaggtgtt gaggcaacgc 1080
 ccccaccccc caggcgggag ggtcagaatg caacagagac ggcaaatga tggggggaga 1140
 gggaagggcc gagaaggtag aatctcaagt caagaggccc agggggccacc cagggtgccc 1200
 atgggcaggg agcagccccc agttggcaga tgctgggaga gccccagccc cgttccagtc 1260
 cagagacaaa agctggagtg tgtaaagtct ggcagtttga tctgcagggt cttgtgtccg 1320
 tcgaccacca ggccagccct cggcagccct cggcctctgt gcctcagccc catggggcaa 1380
 gaaagaggct gcccttctag ccacctctgt ctgcccaggc catcttaagg gggcctgtat 1440
 atagccggcg ctggtcgacc gggaatccgg 1470

<210> 5921
 <211> 3595
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (287)...(2913)

<223> similar to gi4754060 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 5921

gggcagtgtc	tcgtttgcag	tcggcgcttt	aggggaactg	tcttcctccg	caggcgcgag	60
gctgggtaca	gggtctattg	tctgtggttg	actccgtact	ttggtctgag	gccttcggga	120
gctttcccga	ggcagttagc	agaagccgca	gcggccgccc	ccgcccgtct	cctctgtccc	180
tgggcccggg	agggaaccaac	ttggcgctac	gcccctcagc	ggtcgccact	ctcttctctg	240
ttgtttgggtc	cgcacgtgat	tcccggaaac	agacggtgcc	ccatagatgg	ccagctttcc	300
cccgagggtc	aacgagaaaag	agatcgtgag	attacgtact	ataggtgaac	ttttagctcc	360
tgcagctcct	tttgacaaga	aatgtgggtcg	tgaataattgg	actgttgctt	ttgctccaga	420
tggttcatac	tttgcttggt	cacaaggaca	tcgcacagta	aagcttggtc	cgtgggtccca	480
gtgccttcag	aactttctct	tgcattggcac	caagaatgtt	accaattcaa	gcagtttaag	540
attgccaaga	caaaatagtg	atggtggtca	gaaaaataag	cctcgtgaac	atattataga	600
ctgtggagat	atagtctgga	gtcttgcttt	tgggtcatca	gttccagaaa	aacagagtcg	660
ctgtgtaaat	atagaatggc	atcgcttcag	atttgacaaa	gatcagctac	ttcttgctac	720
agggttgaac	agtgggcgta	tcaaaatatg	ggatgtatat	acaggaaaac	tcctccttaa	780
cttggttagat	catactggag	tggtcagaga	tttaactttt	gctccagatg	gaagcttgat	840
cctggtgtca	gcttcaagag	acaaaactct	cagagtatgg	gacctgagag	atgatggaaa	900
ccatgatgaa	agtattgagg	ggatcatcaga	attgggtgta	ccagctgtgc	attctctcct	960
gactcttcta	tgtctgtgtc	agtcggagcc	agtaaagcag	tgggtggcagc	aattattggtg	1020
tgattgaggt	tatgctggca	ccactcgac	acaggcgcca	caatgggtgtt	aagctgggca	1080
gaaagagtgg	catctctggc	taccgggctg	ggggcgacct	ttaccatagg	atgaagtaac	1140
cttgcatctg	tgtctgaagg	tgtactgtac	gtacacaggt	gctggtcgat	gtccactttc	1200
tgtcttctct	tctttctttt	tttctttttt	aaagtaattt	ccccacagt	aaaataccac	1260
tgactcctga	gtaaattgat	tttccagttt	tatggaattg	ggagtctgac	aagtgaacc	1320
aatttaattg	aaagtatttg	gctttcaaat	ggtttctctg	tgtatttttt	tgggaattctt	1380
tcagattcca	gagatatctt	acgtctttga	ttcaatttaa	aatttgact	tattttcttt	1440
tagaaataat	gtattgtgtc	tgtgcagaaa	aaaaaaaaac	caaaaaggat	tgttttactc	1500
caagaggaga	gattgtctta	ggataaacct	ccaagctcac	atttaataata	acagactgaa	1560
gtaaacatta	gaatcctgtt	tagagctatt	ctgcacagtt	aactactgat	ctttagaatc	1620
taaaattgta	tatgaactta	ttcttaataa	attgaccctg	tttatattca	aatgacttat	1680
gatcgtgggt	agtttgggaa	aaataagatg	gttaaatttt	gatttattga	aatgtaattg	1740
tattattttc	ataaaatagc	attttcatct	tgtaatgtgg	tttaacatcc	ttgttggttg	1800
caaagaaat	ttcatttggt	tgtgaatatt	ctatttgctt	gcagtatctg	tttctcttcc	1860
taggctcaag	ttggtgaccc	aagcctattg	taaacaagtg	attatctcaa	aggagatgc	1920
caatggagta	acaatttggt	aaccttacgt	tttctgtctg	tatatttttt	taaaaatctg	1980
gtagtttctg	gaaaaaaaaag	agaagggggg	ttgtagtact	taaccctatt	tatttccgta	2040
tatttttagtt	aattagtttt	tggataaaat	ggatttcagt	atagctttgt	ggttaaattg	2100
cattgccttt	attttatggt	taggcttatt	tttaaatata	catttaacag	aaacatttga	2160
aatagaattt	gcattgtctg	cttaaatata	ttaaagactg	attttaatct	gactatgaca	2220
ctgagcatat	tctttaaatt	actcataatt	tataatgctt	aatataatct	taattaaatt	2280
tagcagtttt	agtataagat	gtgccatttt	gtcctctgta	tgtctgaatg	aagctataac	2340
atttgccctt	ttattgcagg	ttttcctttg	gaatatggat	aaatacacca	tgatacggaa	2400
actagaagga	catcaccatg	atgtggtagc	ttgtgacttt	tctcctgatg	gagcattact	2460
ggctactgca	tcttatgata	ctcgagtata	tatctgggat	ccacataatg	gagacattct	2520
gatggaattt	gggcacctgt	ttccccacc	tactccaata	tttgctggag	gagcaaatga	2580
ccggtgggta	cgatctgtat	cttttagcca	tgatggactg	catgttgcaa	gccttgctga	2640
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gagcaatggg	ctttgctgtg	ccttctctac	tgatggcagt	gttttagctg	ctgggacaca	2760
tgacggaagt	gtgtattttt	gggccactcc	acggcaggtc	cctagcctgc	aacatttatg	2820
tcgcatgtca	atccgaagag	tgatgccac	ccaagaagtt	caggagctgc	cgattccttc	2880
caagcttttg	gagtttctct	cgtatcgtat	ttagaagatt	ctgccttccc	tagtagtagg	2940
gactgacaga	atacacttaa	cacaaacctc	aagctttact	gacttcaatt	atctgttttt	3000

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aaagacgtag aagatttatt taatttgata tgttcttgta ctgcattttg atcagttgag 3060
cttttaaaat attatttata gacaatagaa gtatttctga acatatcaaa tataaatttt 3120
tttaaagatc taactgtgaa aacatacata cctgtacata ttagatata agctgctata 3180
tggtgaatgg acccttttgc ttttctgatt tttagttctg acatgtatat attgcttcag 3240
tagagccaca atatgtatct ttgctgtaaa gtgcaaggaa attttaaatt ctgggacact 3300
gagtttagatg gtaaatactg acttacgaaa gttgaattgg gtgaggcgagg caaatcacct 3360
gaggtcagca gtttgagact agcctggcaa acatgatgaa accctgtctc tactaaaaat 3420
acaaaaaaaa aaaaaattac ccaggcgagg gggggcacac ctgtagtcct agctacttgg 3480
gaggctgagg caggaaaatt gcttgaaccc aggaggggga ggttgagta agccaagatc 3540
acaccactgc actccaacct ggacaacaga gcgagactcc atctcaaaaa aaaaa 3595

```

```

<210> 5922
<211> 1011
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (420)...(65)
<223> similar to gil68459 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 5922
cgggctggaa cagagcagcc ggcctctgtc ctaagactgg ccacgctgag acggacaggc 60
agcaggggag cgaccggagc tggggcgctg gatgtgggga aaggagaga ggtgttaggg 120
aggcccccag tctcgggccc aggttacaag gtcttaccct ggggtgggaa cccaggagg 180
ggagtggctg gggggcacag ctgagaagtt caggaagatg gaggatgagg attcccagg 240
tcttcctgt ccatgtcagg gtgaggggtg caggagcaca gaggccatgc tctgccatgg 300
ctggggactt ccttgtgaat actgcagccc tagggctgca aggggacacc acgcacagag 360
acacggcagg ccccggtgtt gccgggggtg ggggtgaggg cagaaccagc cgagggacgc 420
tgagtcagac cgcttgccca ctgctctggt gcagggacct ggctgcagg 480
atcgggtgtg tggcggtcat tgccaatggg atggtcattg ccttcacatc tgagttcatc 540
ccccgagtgg tctacaagta ccgctatagc ccatgcctga aagaaggcaa ctctactgtc 600
gactgctca agggetacgt caaccacagc ctgtccgtct tccacaccaa ggacttcag 660
gaccctgatg ggattgagg ctcagaaaac gtgactctgt gcaggtttgg aactcccat 720
cccccaagaa tgccctctga actcctgacc cctgacctca ggtacttctt taccacagat 780
acagggaacta ccgcaatccc cccgattaca acttctccga gcagttcttg ttctcctgg 840
ccatccgctt ggccttcgtc atcctctttg agcacgtggc cttgtgcac aagctcatcg 900
ccgcctgggt cgtgcccagc atccctcagt cgggtgaagaa caaggttctg gaggtgaagt 960
accagaggct gcgtgagaag atgtggcatg gaaggcacag gcatgcgttg g 1011

```

```

<210> 5923
<211> 911
<212> DNA
<213> Homo sapiens

```

<220>
 <221> misc_feature
 <222> (1)...(912)
 <223> n = a,t,c or g

<220>
 <221> misc_feature
 <222> (336)...(684)
 <223> similar to gi5105617 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 5923

tttccggagc	ccgccccctc	cgggggagnag	gaggaggggc	ggcgggggaa	gggagggcgg	60
gtggaggggt	cgggaggaac	ggggggcggg	aaagatccgc	cgggcccgcg	acacggcggc	120
acccgccgcc	gggttgaatc	ctccgggcgg	actgcgcgga	ccccaccgt	ttaccttta	180
acggtttcac	gccctcttga	actctctctt	caaagttctt	ttcaactttc	ccttacggta	240
cttggtgact	atcggtctcg	tgccggtatt	tagccttaga	tggagtttac	cacccgcttt	300
gggctgcatt	cccaagcaac	ccgactccgg	gaagaccggg	gcccggcgcg	ccgggggccc	360
ctaccggcct	cacaccgtcc	acgggctggg	cctcgatcag	aaggacttgg	gccccccacg	420
agcggcgccg	gggagcgggt	cttccgtacg	ccacatgtcc	cgcgccccgc	cgcggggcgg	480
ggattcggcg	ctgggctctt	ccctgttcac	tcgcccgttac	tgagggaatc	ctggtttagtt	540
tcttttcctc	cgtgactaa	tatgcttaaa	ttcagcgggt	cgccacgtct	gctcgtgccg	600
aattcggcac	gaactgtgat	gcccttagat	gtccggggct	gcacgcgcgc	tacactgact	660
ggctcagcgt	gtgctaccc	tacgccggca	ggcgcgggta	acccgttgaa	ccccattcgt	720
gatggggatc	ggggattgca	attattcccc	atgaacgagg	aattcccagt	aagtgcgggt	780
cataagcttg	cgttgattaa	ggtgcatgac	accacaccgc	gctaattttt	gtatttttag	840
tagagacagg	gtttcaccat	gttggccagg	atggtctaga	tctcttgacc	tcgtgatccg	900
ccttcctcgg	c					911

<210> 5924
 <211> 1041
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (53)...(40)
 <223> similar to gil710367 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 5924

tggggcaagg	atttcatgag	catcctcctc	taaacgcgtg	tcaagacaaa	agatgcttca	60
gcttttgaaa	cttggtctcc	tgtgcggcgt	gctcactggg	acctcagagt	ctcttcttga	120
caatcttggc	aatgacctaa	gcaatgtcgt	ggataagctg	gaacctgttc	ttcacgaggg	180
acttgagaca	gttgacaata	ctcttaaagg	catccttgag	aaactgaagg	tcgacctagg	240
agtgtctcag	aatccagtg	cttggcaact	ggccaagcag	aaggcccagg	aagctgagaa	300
attgctgaac	aatgtcattt	ctaagctgct	tccaactaac	acggacattt	ttgggttgaa	360

tgaatcaaag	cttcttttga	tccttgtatt	tcatgatcag	gagttcttgg	tatgggctta	1560
accatttgca	gtttgggatg	gctttgccat	ttatagggtt	ggcccagctg	aggactgttg	1620
atagttggaa	tccatagcgg	aagggatttt	actgctattg	taatcaggct	gtgatggtaa	1680
tatggagctg	aggaagctgg	ctggggactg	gttatagggtg	gttgtaacct	tttggcctgg	1740
gttgagacca	gcatgctgct	ggggagaagc	agggaaagca	gaggaggaca	tggatgatgtg	1800
agagctcagt	gttgaggagg	cagaaaaatct	ttgctctgta	caactggcggg	gctggatgat	1860
aatggaagac	tgtttgggtct	ggctagagaa	gctggagggtt	tctggtccag	gaggctgcaa	1920
tctggagcca	catgggtttt	gggactggat	gaagtgtttt	ggacgttcgt	agttaaacad	1980
gcttagttgg	tatatggaag	atgaaggcaa	attattacta	taatgatttg	ttcctggaag	2040
ggtggggccc	tgaatttggg	gccacaagcc	tggaattacg	gaaggttgta	aggaatcaga	2100
agcaaccttg	gtctgctctt	ccttgtttgag	atcctgagaa	tactgtgctc	ctggcttttg	2160
tagagtgaac	ttctcttgaa	gaatattgtt	cccgtagttc	cagagggtgc	cagctgggtt	2220
taaccacta	ttgaagggaa	ggaagaggca	tctcctt			2257

<210> 5926
 <211> 1297
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (179)...(753)
 <223> similar to gil841555 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 5926	
cggacgcgtg	ggcaagccag gaaggccctg gagaatccgg tgtgccccct cctccggcag 60
agcttgggcc	tgggctcacg aggaaggggc tgcagttctc caaggattcc cgctgctcc 120
cagacccccg	ggagtcgtag gaaccgttc ctggacgtg acgtcggtt tcagggatcc 180
ctcgccggac	gccgcggagg gacagagcct gggaagccgt cgtccccgcc 240
cccgcgcgca	gtgggcccgg ggcgctgaga cccgcgtaga gcaaagcgca aggtcccagc 300
gcccccttga	tcctcggttg cagggtccgg gcaagtgtca ttgagagggt tcaggaagcc 360
ccggcctgtg	atcgtgagcg gaaaccctc ctggagtttc cccaaagcca tggacagccc 420
tagtcttcgt	gagcttcaac agcctctgct ggagggcaca gaatgtgaga cccctgccc 480
gaagcctggc	aggcatgagc tggggtcccc cttaagagag atagcctttg ccgagtccct 540
gaggggtttg	cagttcctgt caccgcctct tccctccgtg agcgtggcc tgggggaacc 600
aaggccccct	gatgttgagg acatgtcatc cagtgcaggt gactcggact gggatggagg 660
cagccgtctt	tcaccatttc taccacacga ccacctcggc ttggtgtct tctccatgct 720
gtgttgtttc	tggcccgttg gcatcgctgc cttctgtcta gccagaagc atccccagt 780
cctgacctat	agtaggtgct acgtatctgc ttttgaata catgcatgaa tgaatgaatg 840
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actgctgccc	actgcctcta cagaccaaca aggcttgggc caagggggac atccaggggg 960
caggggccgc	ctcccgccgt gccttccctg tgggggtcct cgtcgctggg ctgggcgtgt 1020
gcacgtatgc	ggctgcccctg gtgacctgg ccgcctacct tgcctcccga gaccgcct 1080
agttgcccct	acagccctca ctgtgaaccc tgaggccggc agcccagcaa atctgtgggc 1140
agagagtgga	gaatcttggg ggatgaggct gcggcgccgg caggagcatc tagaaacggg 1200
agcgagctgg	actggaaccc tcccccttcc tggccaccgc tcttcgggcg gcagcaacct 1260
gagattaaac	accagacacc cttgcagcca aaaaaa 1297

<210> 5927
 <211> 2548
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (170)...(2039)
 <223> similar to gi402649 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 5927

agccgcaaac	ccagcggagg	gcgggaagaa	ggaggaggcc	tctaggggtgg	tcgggggact	60
gggggccccg	ccggcagagg	tccctcggcc	tcctgactga	ctgactgcgg	ccgcctccgg	120
caaggtacgc	tagggagctg	cctgacggga	aggtgcgggg	agcggacgca	tggcctccgg	180
tgctttataa	cccgtatata	gagataattg	aacaaccag	gcagagggga	atgcgtttta	240
gatacaaatg	tgaagggcga	tcagcaggca	gcattccagg	ggagcacagc	acagacaaca	300
accgaacata	cccttctatc	cagattatga	actattatgg	aaaaggaaaa	gttgagaatt	360
acattagtaa	caaaagaatg	acccatataa	acctcatcct	catgatttag	ttggaaaaga	420
ctgcagagac	cggctactat	gaagcagaat	ttggacaaga	accgcagacc	ttttgttttt	480
ccaaaatttt	gggtattcga	tgtgtgaaga	aaaaagaagt	aaaagaggct	gataattaca	540
aggaataaag	gcaggaatca	atccattcga	tgtcccctga	aaacagctga	atgatattga	600
agattgtgac	ctcgatgtgg	tgagactgtg	gtttcagagtt	tttctccctg	atggacatgg	660
taatttgagc	gactgctctt	cctcctgtgt	gtctcgagcc	caatttatga	caaccgtgct	720
ccaaatactg	cagaattaag	ggtctgtcgt	gtaaacaaga	attgtggaag	tgtcagagga	780
ggagatgaaa	tatttctact	ttgtgacaaa	gttcagaaag	atgacataga	agttcgtttt	840
gtgttgaaacg	attgggaagc	aaaaggcatc	ttttcacaag	ctgatgtaca	ccgtcaagta	900
gccattgttt	tcaaaactcc	accatattgc	aaagctatca	cagaacccgt	aacagtaaaa	960
atgcagttgc	ggagaccttc	tgaccaggaa	gttagtgaat	ctatggattt	tagatatctg	1020
ccagatgaaa	aagatactta	cggcaataaa	gcaaagaaac	aaaagacaac	tctgcttttc	1080
cagaaactgt	gccaggatca	cgtagaaaca	gggtttcgcc	atgttgacca	ggatggtcct	1140
gaactcctga	catcaggtga	tccacccacc	ttggcctccc	aaagtgctgg	gattacagtt	1200
aattttcctg	agagaccaag	acctgggtctc	ctcggttcaa	ttggagaagg	aagatacttc	1260
aaaaaagaac	caaacttggt	ttctcatgat	gcagttgtga	gagaaatgcc	tacagggggt	1320
tcaagtcaag	cagaatccta	ctatccctca	cctgggcca	tctcaagtgg	attgtcacat	1380
catgcctcaa	tggcacctct	gccttcttca	agctgggtcat	cagtggccca	ccccaccca	1440
cgctcaggca	atacaaacc	actgagtagt	ttttcaacaa	ggacacttcc	ttctaattcg	1500
caaggtatcc	caccattcct	gagaatacct	gttggaatg	atttaaattgc	ttctaattgct	1560
tgcatttaca	acaatgccga	tgacatagtc	ggaatggaag	cgatcatccat	gccatcagca	1620
gatttatatg	gtatttctga	tccaacatg	ctgtctaatt	gttctgtgaa	tatgatgaca	1680
accagcagtg	acagcatggg	agagactgat	aatccaagac	ttctgagcat	gaatcttgaa	1740
aaccctcat	tgaattcagt	gttagaccca	agagacttga	gacagctcca	tcagatgtcc	1800
tcttccagta	gttcagcagg	cgccaattcc	aatactactg	tttttgtttc	acaatcagat	1860
gcatttgagg	gatctgactt	cagttgtgca	gataacagca	tgataaatga	gtcgggacca	1920
tcaaacagta	ctaattccaaa	cagtcattgtt	tttgttcaag	atagtcagta	ttcaggattt	1980
ggcagtatgc	aaaatgagca	attgagtgac	tcctttccat	atgaattttt	tcaagtataa	2040
cttgcaagat	ttaaatcctt	ttaaatcttg	ataccaccta	tatagatgca	gcattttgta	2100
tttgtctaac	tggggatata	atactatatt	tatactgtat	atataatact	gactgagaat	2160
ataatactgt	atgttgagaat	ataaaaaact	tttttcaggg	aagaagcata	caactttgga	2220
catagcgaat	acaaaattgg	aagctgtcat	aaaaagacaa	ctcagaggcc	aggcgcaggg	2280
gctcacacct	gtaatcctag	cactttggga	ggccaaggcg	ggtggatcac	ttgagaccag	2340

gaattcgaga	ccagcctggc	caacatggtg	aaaccccgtc	tctactaaaa	atacaaaaat	2400
tagctgagca	tgggtggtacg	tgcctgtact	gtcagctact	tgggaggctg	aggcacaata	2460
attgtttgaa	cccaggaagc	agagggttgca	gtgagctgag	atcacaccac	cgcactccag	2520
cctgggtgac	agagtggagac	tctgtctc				2548

<210> 5928

<211> 959

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (829)...(867)

<223> similar to gi2828026 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 5928

cagagcgaga	ccctgtctca	cgaaaaacaa	aaacgatcaa	aaagctccca	aataacatgg	60
atggggacag	gcgccatgaa	gggctgacat	gggagggaga	cataggcagt	ggctggcagg	120
gggcaggtgg	ggatgggggt	cagggggagg	aggtgcctgc	tgggcctagt	gtgtcatgtc	180
ccctccacac	acgccaccaa	actcccactg	ctccgagccg	cactacatcc	ctgctcccca	240
gcctaggggc	tgtgctgggg	cctgaccctt	tgtgagctct	cctcagtccc	agtcaagtgg	300
acctcctccc	tccctctcca	cagcccttgc	ccttgtccag	gccaccatca	ccatcaccaa	360
caccatcctt	gccagcctgg	agtccccctc	cttcattctg	tggggctaata	gggggtggct	420
gtgtgggaag	cctctgggggt	ctaccgttgg	ggagctctgc	atggctgagg	ttgggggttc	480
tctgggaacc	tgtggccaag	ggtctctggt	cacagtgcg	aggtgggcct	ggcttttcca	540
cagtggagtc	cattgatgat	tacgtgaacg	ttccggagag	cggggagagc	gcagaagcgt	600
ctctgggtga	gtgaccggtg	cttgtcgggt	cctgcccctg	caccccgtg	ccccaccatg	660
ctctcagtgt	gaccagatcc	caccctgggg	ctaccacac	cctctgcccc	ctctgtctgg	720
gcgtcccctt	gctctctcgc	cctcctgacc	cctttgcgtg	gctgcccctc	cttctgatct	780
gtccccacag	atggcagccg	ggagtatgtg	aatgtgtccc	aggaactgca	tcctggagcg	840
gctaagactg	agcctgggtg	gttctgcggg	aggggcagga	gctggggtag	ctgctttggg	900
cttgggggga	tagcttgcaa	gctggagacc	aacctcccct	cccttacagc	cgccctgag	959

<210> 5929

<211> 1424

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (280)...(1186)

<223> similar to gi4586838 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

0945373E-017100

<400>	5929					
ttgttgggta	tcctgatgat	ggcaaatgtc	ttcattttatt	ttattatgga	agtctccaaa	60
agcagtagcc	aagaaaaaaa	tggaaaagg	gaagtaataa	tacccaaaga	gaagttctgg	120
aagatatcta	cccctccga	ggcatactgg	aaccgagagc	aagagaagct	gaaccggcag	180
tacaacccca	tcctgagcat	gctgaccaac	catacggggg	aggcgggcag	gctctccaat	240
ataagccatc	tgaactactg	cgaacctgac	ctgagggtca	cgtcggtggt	tacgggtttt	300
aacaacttgc	cggacagatt	taaagacttt	ctgctgtatt	tgagatgccg	caattattca	360
ctgcttatag	atcagccgga	taagtgtgca	aagaaacctt	tcttgttgct	ggcgattaag	420
tccctcactc	cacatthttgc	cagaaggcaa	ggcaatccgg	gaatcctggg	gccaaagaa	480
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tgtgaacacc	catcacatcc	tgaattactt	gaatagttht	tccaagacca	aagccaaaga	780
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ccccattgat	gacgtthtata	ctggaatgtg	ccttcagaaa	ctcggcctcg	ttccagagaa	1020
acacaaaggc	ttcaggacat	ttgatatacga	ggagaaaaac	aaaaataaca	tctgctccta	1080
tgtagatctg	atgttagtac	atagtagaaa	acctcaagag	atgattgata	tttggthtca	1140
gttgacagagt	gctcatttht	aatgctaaaa	tagatacaaa	ctcaatttht	catagaaagg	1200
tgtatthttga	atagthtcca	tgtthgtgttc	tcacattata	gtaatttht	tattatacca	1260
tgaaaattgt	ctthtatgagt	gatacccaat	tgagggcctc	taaaccttht	tctthgttac	1320
taaccttatc	attgatagtc	ttatthgttt	thttctthtt	tatctctctt	gtgtattctt	1380
tcatctthtat	tctthactatt	tgtactatct	ctthtatata	ttcg		1424

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<210> 5930
<211> 2634
<212> DNA
<213> Homo sapiens
```

```
<220>
<221> misc_feature
<222> (95)...(2042)
<223> similar to gi5901872 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters
```

<400>	5930						
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cgaggatgac	gaggtgccgg	tggagcccga	gtctgactcc	ggggacgagg	aagaggaggg		180
gcccatgtg	ctgggcagac	gacaaaaagc	tttggggaag	aaccgcagtg	ctgatttcaa		240
ccctgatattc	gttttctactg	agaaggaggg	gacgtacgat	ggcagctggg	ccctggctga		300
tgtcatgagc	caactcaaga	agaagagggc	agccactaca	ttagatgaga	agattgagaa		360
agttcgaaag	aaaaggaaaa	cagaggataa	agaagccaag	tctgggaagt	tgaaaaagga		420
gaaagaagca	aaggaaggct	ctgaacccaa	ggagcaggaa	gaccttcaag	agaattgatga		480
ggaagggtca	gaagatgaag	cctcggagac	tgactactca	tacagtatag	agaacatcct		540
caccaaagca	gatacactca	aagtaaagga	tcggaagaag	aagaagaaga	aaggacagga		600

```

agcaggagga ttttttgaag atgcatctca gtacgatgaa aacctctcgt tccaggacat 660
gaacctttcc cgccctcttc tgaaggccat tacagccatg ggcttcaagc agcccccccc 720
gatccagaag gcgtgcatac ctgtgggtct attggggaag gacatctgtg cctgtgcagc 780
cactgggaca ggtaaaaactg ccgcctttgc cctgcctgtt ttggagcgtc tgatttataa 840
accccgccag gctccagtca cccgcgtgct ggtgctagtg cccacccgag agctgggcat 900
ccagggtgcac tctgtcacca gacagctggc ccagttctgc aacatcacca cctgcctggc 960
tgtgggcggc ttggatgtga agtctcagga agcagctctt cgggcagcgc ctgacatcct 1020
catcgccacc ccaggccggc tcatcgatca cctccacaac tgcccttctt tccacctgag 1080
cagcatcgag gtgctcatcc tggacgaggc tgacaggatg ctggatgagt actttgagga 1140
gcagatgaag gagatcatcc gaatgtgttc ccaccaccgc cagaccatgc tcttctcggc 1200
caccatgaca gacgagggtga aagatctggc ttctgtctcc ttgaagaatc ctgtccggat 1260
atattgtgaac agcaacacag atgtggctcc ctctctgcgg caggagtcca tccggatccg 1320
gcctaatacgt gaaggagacc gggaagccat cgtggcagct ttgttgacga ggaccttcac 1380
tgaccatgtg atgtgtttca cgcaaaccaa gaagcaggcc caccgcatgc acatcctcct 1440
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ggaggccctc cggcgtttta aggatgaaca gattgacatc ctctgtggcca ctgatgtggc 1560
agcccgtgga cttgacattg agggggtcaa aacggtaatc aacttcacaa tgcctaatac 1620
catcaaocat tatgtccacc ggggtggggcg aacagcacgt gctggcaggg ctgggcgctc 1680
agtctctctg gtgggagaag atgagcggaa gatgctgaag gagattgtaa aagctgccaa 1740
ggcccctgtg aaggccagga tacttcccca agatgtcatc ctcaaattcc gggacaagat 1800
tgagaaaatg gagaaagatg tgtatgcagt tctgcagcta gaggcggagg aaaaagagat 1860
gcagcagtca gaagcccaga tcaatacagc aaagcggctc ctggagaagg ggaaggaggc 1920
agtgttccaa gagcccagga ggagctgggt ccagaccaa gaagagagga agaaggagaa 1980
aattgccaaa gctctgcagg aatttgactt ggccttaaga ggaaagaaga aaaggaagaa 2040
gtttatgaag gatgcaaaaa aaaaggggga gatgacagca gaggaaagggt ctcatgtttga 2100
aatcctcaag gcgcagatgt ttgctgaacg gctagcgaag aggaatcgca gagccaagcg 2160
ggcccagaca atgcccagag aggagccagt gagaggtcct gccagaagc aaaagcaggg 2220
gaagaaatct gtatttgatg aagaactcac caacacaagc aagaaggccc tgaaacagta 2280
tcgagctggc ccttcctttg aagaaaggaa acagttgggc ttgccccacc agagacgagg 2340
aggaaacttt aaatctaaat ccagatacaa gaggaagga tagctgtcgt ggcctgaaga 2400
aattcatggg ggcagccctt aaatcccttc cctgtgggaa gtcacacctg ctggtctgtc 2460
ttttctccat ttgtttaaaa aaaaaacaaa aacaaaaaac aacactttgg tgtggtggta 2520
tggtacgtag ctatttttct aagcatgtct gtcaatctcc ctctcttgctg attagctttc 2580
atagactatt attaaatgga agtatttttg ggaaaagaga aaccaaaaaa aaaa 2634

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<210> 5931

<211> 897

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (889)...(162)

<223> similar to gi33724 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 5931

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tttttttttt ttctgattga caatgagaat atttattgag ggtttattga gtgcagggac 60
gaagggtctg atgcccctgg ggtgggagga gagacccct ccccgggaa tctgcagct 120
ctagtcctcc cgtggtgggg ggtgaggggt tgagaacct tgaacattct gtaaggggcc 180

```


<210> 5934
 <211> 1898
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (1868)...(611)
 <223> similar to gil842105 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 5934

cgtcgacttt	ttttttttaa	agtttcatag	tggttctctt	atttataaaa	taatcacatt	60
caagtcttac	cagagagtag	caaagtcttc	aattcctttc	ctttcctttg	aagaaataat	120
gtagagcaat	cactcataaa	tccctcta	tataataaaa	atccaagata	ttatttgaca	180
atgagatgct	ttattttaa	ttgatacatt	tactatataa	gaattctgtg	aaaaaatggg	240
gtatgaaatt	attttggatc	tgaatctttg	cattataaaa	tctaacccaa	aactatgtca	300
tttcaactgta	ttctgtgact	attagcagat	ggatgaccaa	aggcaactac	ttcctttcct	360
ggcaaaacaa	gacaagtttc	agctgacttc	cccatggtgt	tacaagttct	cctagtgaag	420
taaaaagtcc	caacccctct	ttctatgcat	gtcatctcca	ggaaggtaag	ctttgggaag	480
cacctgcgcc	agccctatat	ctgtgcttgg	catgaggttc	acacaggttc	ggccttgaga	540
tggggatggt	cctctcaacc	aaacaactct	acttgaatta	ttccgagact	ccttggaggg	600
gtgaaacttc	aggcctgggt	gtctctgcag	tgagatgtct	gtggttggtg	aacagttctg	660
tagagtcttg	ttctactgat	ctttcttcta	ggtctgactc	tgggattgta	gtacaaccac	720
ctggcatgac	catggtctgg	tgggggctgc	tgcatcggtg	cttaggcaga	gacggccacc	780
tttgataaat	ctatcgcaga	gcaaggtgat	atgtttcttc	agttggcttg	tgctctttgg	840
gtatgttcaa	gctggctgtt	gaaggttcaa	aagcctgctc	ccttagaaac	tcttcgacag	900
gcaagtcttc	caacagggtg	gaaatggcgg	catccaccgt	ttcttccag	cccaattctt	960
gagtgtcttc	ttgtagcggc	agaaatgccg	cttccagaat	agcaacctgg	tcagcactaa	1020
gcttctgcca	cagcgcgatc	agcagaatca	ccaaatgggt	ggcactcttc	agcctggtga	1080
atgactggaa	cagattgcct	tggttttctt	ccactgcata	tgctagagca	attacctgct	1140
tgtaggttcc	atctaacaag	gtgtccagggt	ggtgaagagg	ggcaggagtt	ttatctttga	1200
atcttgctag	tagccggcgt	tgaatggccc	gaaattgtac	agctctctca	gataagagtt	1260
cttctaattt	ttcaccattt	atccgtagct	caaaatggat	ggatccaatc	aactccaaaa	1320
tattccttga	aaggggtaat	agatccccga	aaaagaacat	gcaaaatctt	tgactccctg	1380
tttttcaaaa	tattcttgaa	ggcgaagaat	aagctcattg	gttaatgaag	cccaaagatc	1440
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cagtaattcc	gagcacctcc	ctaagaagtg	aaaaccatt	acattcacct	gatcatcatc	1560
tgactgactg	gcaaaacctg	ggaagagact	aagaagactg	actggagatt	tgttggtatc	1620
aatagtaatt	ttgtggcttg	cagtttttga	aggctgacct	ggtaggcaaa	ttacttttag	1680
gggaagtcta	aatttacatt	ggataactcg	cggaatgcca	tcaggatttc	gattcataaa	1740
ttcaaagggtg	aactgatcac	aagtcaattc	taatggtggt	tgacgtaga	ctgataattt	1800
ggctttttgc	aatatcactc	tggtctgcag	tgtgaccttc	accgtgacag	aagggacaag	1860
gtcagttccc	acctcaacat	cggtcgcttg	agaaactg			1898

<210> 5935
 <211> 704
 <212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (697)...(698)

<223> similar to gi522145 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 5935

cggcacgaga	tcatctcagt	gagacagggt	aactctatca	cagccacaga	gctgataatg	60
cagtgagtc	cagatatata	cctcatttgt	ctaattcccag	agaattctct	aggtgacttt	120
ttcaggataa	gacacagttt	tatcttttat	aaaatttcct	taacttttca	ggagagaagg	180
ctcttatgac	cgatacctac	gaatggatga	ctattgcagg	agaaaggatg	actcttattt	240
tgaccgttac	agagatagct	ttgatggacg	gggccctcca	ggcccagaaa	gtcagtctcg	300
tgcaaaagg	aaagtagctg	aaacagtcta	ttctatttat	tgatagaaca	ctttacaaaa	360
gagagaggaa	actaataacc	agtaccccc	tctgaaaaag	ggctagtgcc	ttggccaagc	420
agtgtataaa	aagaagaaat	ataagtagct	tattagtggg	taaagagcat	ttggcttgaa	480
aatgattttt	aagatgcaaa	ttagtaccat	catctgggtt	agtcacccaa	caagaagaaa	540
taaatatgaa	attccagcaa	taagaaatga	acaaaatgct	ggcactgtg	gccaccacct	600
gtaatcctag	cactttggaa	ggccaaggcc	ggcagatcac	ttgagcccag	gagttcgaga	660
ccagcttaag	caacatgata	aaaccccatc	tctacaaaaa	aaaa		704

<210> 5936

<211> 2203

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (775)...(1647)

<223> similar to gil73157 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 5936

tttcgtgacc	gatggagatg	gcggctgcgg	ctgagtgacg	gacggtggag	gcccagagcc	60
cgggcctgaa	gggggggaca	aacctgggtg	cccgcaggag	cccggcaggg	tgtcttacia	120
gtatcaagaa	cttactatat	gtggttgaat	aaacaatcaa	ggtaaagagc	atcaagtaaa	180
aacttctgct	tgttgataag	tacttcagac	attccccag	tggtgaagt	ggcatatgaa	240
ttatgaagtt	ggatcatttg	gaatgaatgt	aagagaattg	ccaagggtc	ctcctactcc	300
agagaggaaa	cctcatccag	ggccatgaag	ccacttcctc	accatctgtg	tgctgcttaa	360
gctaattgctg	cggaaccat	ggttccttgg	gaggaatcaa	gctgactctt	ggcatgagat	420
tctgccttc	ctagggttga	gagcggcact	gccatggctt	ctctggacga	cccaggggaa	480
gtgagggagg	gcttcctctg	ccctctgtgc	ctgaaggatc	tgagttcttt	ctatcagctt	540
cactcacatt	acgaggaaga	acactcaggg	gaagaccgtg	atgtcaaagg	gcaaattaaa	600
agtcttgtcc	agaaggctaa	aaaagcaaag	gccaggttgt	tgaaacgaga	aggggatcat	660
cgagcagagt	cagggacca	aggatatgag	tctgtcagct	atggaggggt	tgatccgtac	720
atgtgggaac	cccaggagcg	tggtagctgt	gactatgcca	tctttccgac	ttcaaaaaac	780

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accgagctgc tagaattgac cactatgttg tggaagtcaa taaactaata atcagggttag      840
agaagctcac tgcatttgac agaacaaata ctgagtcctgc aaagattcga gcaatagaaa      900
agtctgtggt gccttgggtc aacgaccagg atgtcccttt ctgtccagac tgtgggaata      960
agttcagcat ccggaaccgc cgccaccact gccgcctctg cgggtctatt atgtgcaaga     1020
agtgtatgga gctcatcagc cttcccttgg caaacaagct caccagtgcc agcaaggagt     1080
ccctgagcac ccacaccagc cccagccagt cacccaacag tgtccatggc tcccgccgag     1140
gcagcatcag cagcatgagc agtgtcagct cggtcctgga tgagaaggac gatgaccgga     1200
tccgctgctg tacacactgc aaggacacgc tgctcaagag agagcagcag attgatgaga     1260
aggagcacac acctgacatc gtgaagctct acgagaaatt acgactttgc atggagaaaag     1320
ttgaccagaa agctccagaa tacatcagga tggcagcatc attaaatgct ggggagacaa     1380
cctacagtct ggaacatgcc agtgaccttc gagtggaagt gcagaaagtg tatgagctga     1440
tagacgcttt aagtaagaag atcttaacct tgggcttgaa ccaggaccct ccaccacatc     1500
caagcaattt gcggctgcag agaatgatca gatactcagc tacacttttt gtgcaggaaa     1560
agttgcttgg tttgatgtca ctgccaaacca aagaacagtt tgaggaactg aaaaagaaaa     1620
ggaaggagga aatggagagg aagagggccg tggagagaca agctgccctg gactcccagc     1680
gaaggcttga ggaaaggcag agtggcctgg cttctcgagc ggccaacggg gaggtggcat     1740
ctctccgcag gggccctgcc cccttgagaa aggtcgaggg ctggctccca ctgtcaggag     1800
gtcaggggca gagtgaggac tcagaccgcg tcctccagca gatccacaac atcacatcat     1860
tcacagggca ggccaaggcc gcgggccgca tggatgaagt gcgcaactct caggagaacc     1920
tgccgcagct gcaggacgag tatgaccagc agcagacaga gaaggccatc gagctgtccc     1980
ggaggcaggc tgaggaggag gacctgcagc gggaaacagc gcagatgttg cgtgaacggg     2040
agttggaacg agaaaggagg cagtttcggg tggcatccct gcacacacgg actcgggtccc     2100
tggacttcag agaaatcggc ctttttcagc tggagcccag cagagagcct cgcacccacc     2160
ttgcttatgc tttggatcta ggctcttccc cagttccaag cac                      2203

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<210> 5937
<211> 2547
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (221)...(2331)
<223> similar to gil65652 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

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<400> 5937
aatttcgggt tcgacgatcc cgtcccctgg cggagccggc gcgcccgggg tgccgctccc      60
tgcctggcgc gctccgcacc tggaggtgcc ttgcccctct cctgcccacc tcggaatttc     120
cctgtggctc ctttgatcct tcgagtcctc agctcctctc ctttccacct gtttccccca     180
agaaaggcag gatcctggtc cctgctacgt ttctggggcc atggctggtc tgggccccgg     240
cgtaggcgat tcagaggggg gaccccggcc cctgttttgc agaaaggggg ctctgaggca     300
gaagggtggt cacgaagtca agagccacaa gttcaccgct cgcttcttca agcagcccac     360
cttctgcagc cactgcaccg acttcatctg gggatatcga aagcaggggc tgcaatgtca     420
agtctgcagc tttgtggttc atcgacgatg ccacgaattt gtgaccttcg agtgtccagg     480
cgctgggaag ggccccaga cggacgaccc ccggaacaaa cacaagttcc gcctgcatag     540
ctacagcagc cccaccttct gcgaccactg tggctccctc ctctacgggc ttgtgcacca     600
gggcatgaaa tgttcttgct gcgagatgaa cgtgcaccgg cgctgtgtgc gtagcgtgcc     660
ctctctgtgc ggtgtggacc acaccgagcg ccgcgggcgc ctgcagctgg agatccgggc     720
tcccacagca gatgagatcc acgtaactgt tggcgaggcc cgtaacctaa ttcctatgga     780

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ccccaatggt ctctctgata cctatgtgaa actgaagctc atcccagacc ctcggaacct 840
gacgaaacag aagacccgaa cgggtgaaagc cacgctaaac cctgtgtgga atgagacctt 900
tgtgttcaac ctgaagccag gggatgtgga gcgccgctc agcgtggagg tgtgggactg 960
ggaccggacc tcccgcacag acttcatggg ggccatgtcc ttggcgctct cggagctgct 1020
caaggcgccc gtggatggct ggtacaagtt actgaaccag gagggggcg agtattacaa 1080
tgtgccggtg gccgatgctg acaactgcag cctcctccag aagtttgagg cttgtaacta 1140
ccccctggaa ttgtatgagc ggggtgcggat gggccccctc tcctctccca tcccctcccc 1200
ttcccctagt cccaccgacc ccaagcgctg cttcttcggg gcgagtccag gacgcttgca 1260
catctccgac ttcagcttcc tcatggttct aggaaaaggc agttttggga aggtgatgct 1320
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cgtccaggac gacgatgtgg actgcacgct ggtggagaaa cgtgtgctgg cgctgggggg 1440
ccggggctct ggcggccggc cccacttcct caccagctc cactccacct tccagacccc 1500
ggaccgcctg tatttcgtga tggagtacgt caccggggga gacttgatgt accacattca 1560
acagctgggc aagtttaagg agccccatgc agcgttctac gcggcagaaa tcgctatcgg 1620
cctcttcttc cttcacaatc agggcatcat ctacagggac ctgaagctgg acaatgtgat 1680
gctggatgct gagggacaca tcaagatcac tgactttggc atgtgtaagg agaacgtctt 1740
ccccgggacg acaacccgca cttctgcgg gaccccgac tacatagccc cggagatcat 1800
tgctaccag ccctatggga agtctgtcga ttggtggtcc ttggagttc tgctgtatga 1860
gatgttggca ggacagcctc cttcogatgg ggaggacgag gaggagctgt ttcaggccat 1920
catggaacaa actgtcacct accccaagtc gctttcccgg gaagccgtgg ccatctgcaa 1980
gggggttctg accaagcacc caggggaagc gcctggggct tcagggcctt gatgggggaa 2040
cctaaccatc cgtgcacatg ggttttttcc gctgggattt gactgggagc ggctggaacg 2100
attgggagat cccgcctcc ttttcaagac cccgcccgtg tggcccgcag cggcgaggaa 2160
tttttgacaa gttcttcacg cgggcggcgc cagcgctgac ccctccagac cgcctagtcc 2220
tgccagcat cgaccaggcc gatttccagg gcttcacctt cgtgaacccc gacttcgtgc 2280
acccggatgc ccgcagcccc accagcccag tgctgtgcc cgtcatgtaa tctaccccgc 2340
cgccactagg tgtccccaac gtcccctccg ccgtgccggc ggcagcccca cttaccccc 2400
aacttcacca cccctgtcc cattctagat cctgcacccc agcattccag ctctgcccc 2460
gcgggttcta gacgccttc ccaagcgttc ctggccttct gaactccata cagcctctac 2520
agccgtcccg cgttcaagac ttgagcg 2547

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<210> 5938

<211> 847

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (538)...(313)

<223> similar to gil345539 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 5938

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tttcgtcgca gttcgggaagg acccgagtcc cttatctaac cgagagctaa caggtcgggg 60
actgcgggac ggaagaggga ggggaagatg aagaaaatcg gtgatgaatg gctggcggaa 120
atgattggcg gaaagaaaga gccagttcac agtgcgcctt tgtattcggc gggaaacccg 180
gccgaagagg gagctggaag ggactccgga atccggccgt aattccagcc aatcaggagg 240
tagagttgcg gcgcgggggt ggggcggggc agtctcgcgg gagatagttt cgcgggttcg 300
ggaggcgagt ctccggtttc cgcccagtc ctggggacgc ggtggcgggg tctgaatcgc 360
ctggcttcca gggagttttg ggcgggtccc cgcacgggag cgtggcaggc gctggactcg 420

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acagcagatg	tggaactgga	gagcttggcg	cgccctcata	ctttgtcaca	cacctacgcc	480
accagactgg	ggtcggggccc	ctccgcgttc	tgctctggag	ggcctgggtc	tggggcccagc	540
atagcgcttt	tagaatctcc	tcagctgaat	ctgacgctca	gccgtaggtg	aagcttagcc	600
cgctgtttca	ggccccgcgcg	atctggaagg	agtgtcagag	ctggagcgcg	cgtggcctca	660
tcggtgtttg	ggtcacccccg	gggttgccag	ggctcatgga	gggtcgtagt	ctggattttg	720
tcacccccac	gtccccgcgc	cgcagcaagt	ctgggggttg	agaactcacg	cggctcttcgt	780
aagctacatg	ccagttgacc	ctcgaggagg	gatgccccct	ccccttaagc	gtccacgctg	840
gagaagg						847

<210> 5939
 <211> 1171
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(1172)
 <223> n = a,t,c or g

<220>
 <221> misc_feature
 <222> (463)...(973)
 <223> similar to gi4406696 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 5939		
tttcgtgtgt	gtgtgagagg gagagacgac gtgaggcgag aggaaaagtc tttagtccgc 60	
cttaaaagca	aacaaatcag agatggaata agagcggtaa ttgcagcaag accgccttga 120	
ttcttgacgt	ccagggagct gagcgacccg cgcgcacccg gcgaggacag gaggcgaccg 180	
cgggcgctgc	caagggctgc gggacttttg cttttcctca gtaaacaaat cttttgatta 240	
ctttgacact	gtggaataaa gaagcgggga gaaggatcag gctcaccttc acccgcttca 300	
gggggattcc	agcttggaatg tcagattcct gaaccgtctt tgccatcgga ggaggaaaca 360	
catccacaca	cgcgcgcgca cactcgcacg ctgaggcca cactcacacg ccgccctcca 420	
cgatcacaca	gcaccagact tcggttccct atgcccctgg atggtgacgg cggattggca 480	
tcttggaagc	gatgagagag cgataaggct ggcgcgggcc cgcaaaagct gcaggagcat 540	
cgctaggtgt	tgccgccacc gggaagcggg gctgcaggat gagtaagaga tacttacaga 600	
aagcaacaaa	aggaaaactg ctaataataa tattttattgt aaccttgtgg gggaaagtgt 660	
tatccagtgc	aaaccatcat aaagctcacc atgtttaaagc gggaacttgt gaggtggtgt 720	
cactccacag	atgctgtaat aagaacaaga tagaagaacg gtcacaaaca gtcaagtgtc 780	
cctgcttccc	tgggcaggtg gcaggcacca cgcgagctgc tccatcatgt gtggatgctt 840	
caatagtgga	acagaaatgg tggtgccata tgcagccatg tctagaggga gaagaatgta 900	
aagttcttcc	ggatcggaag ggatggagct gttcctctgg gaataaagtc aaaacaacta 960	
gggtaaccca	ttaaccagag agaaatcaag tgatcctcaa ggctgatgac attgaacatg 1020	
cgcataaggaa	acttaactca actcctgagg tgatctttga agatttttat taccactttg 1080	
aaaagagggc	gttcantagt ctattttccc aaggggattt tcngggcctc tttctttgaa 1140	
ttcaaggatt	ttttaaaagt tcagacatga a	1171

<210> 5940
 <211> 1468
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (285)...(1390)
 <223> similar to gi6010117 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 5940

tcccgggtcg	acgatttctgt	gcgaaaagcc	gggactggac	ctagcggagt	tgtgcttgtc	60
gccgaagcgg	ggtgggcttg	ttcgttccgc	gcagccgcag	ccagaaccgg	gtgacgctta	120
tccccgctgt	ctttccagtc	cagggccgct	gagagtgggg	gtggctggga	gcagcgcagc	180
ctccggagga	ggaggcggag	gccgaggacc	aggaatcacc	ttcaagccta	tgtcgtgagg	240
ctttggcaga	aattaagaag	gaaatatctc	cattgttcat	tggcatggaa	aaatgttcag	300
tgggaggatt	agagttgact	gaacagactc	ctgctttatt	agggaatatg	gccatggcaa	360
ctagtctcat	ggacataggg	gattcatttg	gtcatccagc	ttgtccttta	gtcagtagat	420
ctaggaactc	accagtggaa	gatgatgatg	atgatgatga	tgttggtgtt	attgaatcta	480
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tggcatctca	gaaaggaaat	ataagtgaga	caattgttat	tgatgatgaa	gaggacatag	660
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atgcaggaat	gggtaatatg	ggtatcacta	cagaattgac	tctgaaatac	attattacta	840
atgttacaac	cttagaaaca	ggtataagct	ctgtgaatgc	tgggcaagat	gtgaacataa	900
ttattacata	taaaacatca	ctatagaata	ccaacttggg	agatgtcgct	aaaggacttc	960
agtcaagtaa	ttttggtggt	aatatacaaa	cgtacacccc	atctttaact	ccacagacca	1020
agactggagt	aagacctttt	aacctgggta	gaatgaatgt	ggcaggagac	ttatttcaga	1080
atggagaatt	tgcaactcat	catagtctctg	aagatgcac	tacaaagaag	gctaattgtca	1140
ttcttccagt	agaatcaagc	aaatccttcc	aagaatttta	tagtacatct	tgtttgtctc	1200
cctgtgaaaa	caactggaat	cttaaaaaag	gagtttttaa	taagtcaaga	tgtacaattt	1260
gtagtaaatt	agcagaggtc	tggattttta	tacctaaagt	gttggttagg	ctaacagtga	1320
taatttttaac	ttttaagtgc	tattatgtac	tctttcatct	acataatgca	cgtgttctgg	1380
atgtataaca	tgaagctgaa	aggaagaata	aggatatgtt	agaactatct	tatgggatat	1440
tttataaata	aaattccatt	tgcatagc				1468

<210> 5941
 <211> 4397
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(4398)
 <223> n = a,t,c or g

<220>

<221> misc_feature
 <222> (26)...(2703)
 <223> similar to gil871540 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 5941

cagctcggtc	gccccaccg	gccccatggc	agcccccggc	gccccagctg	agtacggcta	60
catccggacc	gtcctgggccc	agcagatcct	gggacaactg	gacagctcca	gcctggcgct	120
gccctccgag	gccaagctga	agctggcggg	gagcagcggc	cgcggcggcc	agacagtcaa	180
gagcctgcgg	atccaggagc	aggtgcagca	gacctcgcc	cggaagggcc	gcagctccgt	240
gggcaacgga	aatcttcacc	gaaccagcag	tgttcctgag	tatgtctaca	acctacatt	300
ggttgaaaat	gattttgttg	gaggccgttc	ccctgttcct	aaaacctatg	acatgctaaa	360
ggctggcaca	attgccatt	atgaaggctg	ctggggaaga	ggaacagcac	agtacagctc	420
ccagaagtcc	gtggaagaaa	ggtccttgag	gcatcctctg	aggagactgg	agatttctcc	480
tgacagcagc	ccggagaggg	ctcactacac	gcacagcgat	taccagtaca	gccagagaag	540
ccaggctggg	cacaccctgc	accaccaaga	aagcaggcgg	gccgccctcc	tagtgccacc	600
gagatatgct	cgttccgaga	tcgtgggggt	cagccgtgct	ggcaccacaa	gcaggcagcg	660
ccactttgac	acataccaca	gacagtacca	gcatggctct	gttagcgaca	ccgtttttga	720
cagcatccct	gccaacccgg	ccctgctcac	gtaccccagg	ccagggacca	gccgcagcat	780
gggcaacctc	ttggagaagg	agaactacct	gacggcaggg	ctcactgtcg	ggcaggtcag	840
gccgctggtg	cccctgcagc	ccgtcactca	gaacagggct	tccaggctct	cctggcatca	900
gagctccttc	cacagcaccc	gcacgctgag	ggaagctggg	cccagtgtcg	ccgtggattc	960
cagcgggagg	agagcgcact	tgactgtcgg	ccaggcgggc	cgccaggggg	aagtgggaat	1020
ctgcctcaac	tgagagaaa	cactttccac	tgactcccca	gctggggaat	gcaagacatg	1080
gagatgactc	tggagcgagc	agtgaattat	gctcgaggca	gaccacatgc	cgcccatccc	1140
aggatttctg	ctgcagctac	tttcattaca	gcacgagtgc	ttccagaaat	ctgaagctcg	1200
gaagaggggt	aaccagcttc	gtgggcatcc	tcaagcttct	gcagctccta	aaagttcagg	1260
aatgaaggac	gtttcagccg	agctgtgtgt	ggggggcctt	gaggaaactt	aggtattttg	1320
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<210> 5942
 <211> 1978
 <212> DNA
 <213> Homo sapiens
 <220>
 <221> misc_feature
 <222> (524)...(19)
 <223> similar to gi5734705 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

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<210> 5943

<211> 2000

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(2001)

<223> n = a,t,c or g

<220>

<221> misc_feature

<222> (141)...(1587)

<223> similar to gi3510234 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

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caaagtcaa	gctggctcgg	cacatcctca	ctggtcggga	ggttgccatc	aagattatcg	360
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gtcagtccag	ggagctgact	ggatgatata	cacttaggcc	cccttctccg	cctccctctc	840
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<210> 5945
 <211> 6215
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (295)...(5000)
 <223> similar to gi2224585 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

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cgtgcgcccc	ccagctctaa	tctgcgcgct	gacaggagca	tgatctgtgc	ccaggccagg	180
gctggcaaga	atctgtacca	caacaggttt	ttaggcctgg	ccgccatggc	gtttccttct	240
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ccaatggttg	tggggattgt	gggctcaact	caagagaagt	ttaggagggg	gagcatccct	5760
agtgaatact	cacaccacaa	gaaggacaaa	cttgtgcaca	tgtccaagaa	agaaagcttc	5820
ttgattgagg	tagcataaag	gatgaggctt	cagccccc	tgtcttatgt	agaatgtggc	5880
aatgccaact	ggagaaagg	aagaaggaca	tattaccttg	gtttgaatcc	ctgagttctg	5940
tactgttctg	ttttgtttag	tctagccaca	gttcttcaca	aaggaaaaaa	aatgtgtag	6000
atgataccat	gacttttgtt	aaagccatga	cttttgtttg	cttggcagac	aaaccctttt	6060
tttaaaaactt	tgatattttt	ttttcacgtt	tttttttctt	tttcctttct	taatcatgga	6120
gttcaagttc	ctttgcattc	gattgtccat	cgggaccaca	ctaggaagct	gcagagagta	6180
atggtgcttg	ttagggatca	agggcaacat	ctatt			6215

```

<210> 5946
<211> 1525
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1401)...(572)
<223> similar to gi3880422 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

<400> 5946						
ttcttttcat	ctgcttttagg	aaagctcagt	aagcttttctt	ttttttccag	aggcagggtc	60
tggctgtatc	acccaggctg	gagtgtatgg	cacaaccatt	gctcactgcg	gcctcaacct	120
cctgggctca	agtgatcctc	ccgcctcagg	ctcccaaagt	gctgggatag	caggcatgag	180
ctgtcgcacc	tagccagcaa	tatacaacct	tgaagggtta	atagtacat	ggacagaggc	240
aagggtgcca	gttacacatt	ttcagacatc	atcttgttta	ttacaaaact	taaaacacct	300
tccaggcaag	atccaaagca	attttatcct	aacattgttc	accttcatct	gtagagtcaa	360
atgtatctgc	cagcttgtgt	tgacaagggg	gaatgcttcc	catttggtca	aggttgaggg	420
acagtaaagg	aatcttgtat	tctaattgagt	acagcatcct	ttcattgtcc	aagccatcca	480
ccttagggct	ttgaggttca	agtccagggtc	tggagaagag	aaagtttcat	acccaacctt	540
gtggtctttc	cttcggtagt	acattcgtgt	cagcacagtc	attagaaaag	tctccagtat	600
gaggagggtg	caattcatca	cttgagacct	ggttttagag	gaatagggag	gcgaacaagc	660
aatctgcccc	ccgttggcca	agactgagaa	gatggagggc	tgtagggcag	tcaggatgag	720
gagaacctgg	aacagagcaa	atltggctcc	catgttctgc	tcacccagg	gtagcctggc	780
ttgacgggaa	atgatgcccc	gggtccagag	agccagcagt	gtggacacgc	cgaggaaagt	840
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gatgagaaac	aggcccacca	gggtcagcgt	tatcttcaag	aaggcgtatt	ggaaagggcc	960
caacatcagc	agctgaagct	tcttcctgg	gagcagcagc	cgtggacagc	aggggcagca	1020
gcagcagcag	gggcctgtgt	ggaccatcat	cggggtgtcc	ctcagcgtcc	tcagcactgc	1080
ctccttcccc	ccaaagcctt	ccaccatgac	cagcatcagc	aggtaaaagc	acacggcata	1140
aaacgagggtg	atggtcattt	ccaccagcac	cagggaaacga	gggatccaga	gaccaaagca	1200
gcacagcaca	gacaccaccg	tgggtgcccga	gctcttccag	agcagagtcc	gcctcttgat	1260

ggggcaaagg	gtgttcttgt	acaggtagac	ggcatcctcc	aggaagatgg	caatggagcc	1320
cagcgccagc	aaggtcagga	tgctagttag	ggcaagttcc	acagggccca	gggctctcag	1380
gagttgggct	gctgtgggag	gctgagagaa	gcaggcggag	gggatgccgt	aattggtctt	1440
cagcacctcc	agaagatctg	ctgtgtacct	ggggtcaagc	tttatctggg	tctgcccgg	1500
ctccatcgcc	gcgaattccg	ccacg				1525

<210> 5947
 <211> 2234
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (358)...(596)
 <223> similar to gil710216 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 5947						
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gcaccctgca	tacaaggga	aggcctcgaa	atgcgctcac	caaagcctca	gagttttatt	180
atcaggagct	cacattcagg	agcagggtctg	cttgtcaaga	atccaagcac	gcctgtgttc	240
tgtggccaca	ggagaggagg	ggccgctttt	aaatacaagc	ctactcctgt	cgttggacca	300
gaacaaagac	ctactggcca	gaagcacatg	agaggaggag	tttactctt	gtcggcccagg	360
ctggagtgca	gtggcacgat	ctcggctcac	tgcaacctcc	gcctcccaag	ttcaagcaat	420
tctcctgccc	cagcctcctg	attagctggg	attacaggcg	tgtgccacca	tgcccagcta	480
attttttgtgt	ttttagtaga	gacggggttt	caccatgttg	gtcaggctgg	tcttgaactc	540
ctgacgtggg	gatccacctg	cctcggcctc	ccaaagtgt	gggattacag	gcgtgagcca	600
ccacgcctgg	ccgaaaaacc	cactctcata	acagaagtgc	agactcattg	ctagattcag	660
tgcccttgag	tgtgccagag	gtcctctgtg	tttgagacaa	tctgtgtgt	gccaggaggc	720
tccgtgtgca	ccaggggctc	tcagaatccc	gcttaccag	ctggagacca	tgccctctggc	780
agcccatct	cagccagccc	tgctctctcc	ctcttccctc	cagggtgaggc	aaacttcata	840
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ttcagaggct	ttcccttgta	tgcagggtgc	cagtgggagc	tgctatgtct	cctgtgcagc	960
cagacacct	ggacgaggcc	cttccacact	ccccctttcc	tcacggcttc	ttcagacca	1020
catgtggatg	cctgtgggtc	agtccatctg	tccatgggca	ggggccgctg	tgagagaccc	1080
catgcgcgtg	ggatgtggta	gatgctgatt	atggggccag	ccaccatac	aggtctatca	1140
ggtcgcaatg	gaggccccac	tggagcggga	ggcaggctgg	cctggacttc	tgttggatga	1200
tgggggccag	gggatggtag	gaggggcagg	agagcaggtc	tgcatctgtc	tcagccccag	1260
gagctcctgg	tttggggcca	gctctaagga	gcttcatccc	tgagcctggc	cgagtataag	1320
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aacttggcct	tttcagacct	atgagagtgc	aggggtgggtg	tggacctgcg	ccagggtctc	1440
ccagcctgat	tgtgacatga	tgtgagtcca	cctagggagg	agcaggggcc	tcccgtctc	1500
ttcccccttct	tgcccagacc	actttgctgg	gctcagagcc	ttccatggct	cactttgaac	1560
tcagaagagt	ttcccagctg	cgacccaggc	tgacccccca	ggcctgagga	gaaactgagg	1620
ccccacatcc	catacgtgtc	ctctgagtca	ggacaacagg	ctcccggctg	ggggcactgc	1680
ccttgctgcc	aacacattca	cctgccccag	tggctaccat	gtcctgtgcc	ggtgaccagt	1740
gccagtcccc	aacctggatg	gtgccctgcc	ctcatgaaga	gccccccgga	tgttcacctc	1800
tgcccagaga	cccggcctgc	ccaggaagag	cagtctctgc	tcttgtgtgg	gtccctctgc	1860
ccccaccctg	cccagggtc	cccagcagcc	tgaggccct	aaggaagaac	agccctcaat	1920

00400735.0400

ggtgattcta	ttggtgttat	gagttgtgtc	cccaaagaga	tatatcagt	tcctgaccca	1980
cagtacctca	gaatgtgact	gcatttggag	ataggggttct	tccaggggta	accaaggtag	2040
aatgagggtcg	ttagtgtggg	ccctaatacca	atatgacggc	tatccttata	aaaagaggaa	2100
catttaggct	ggatacagt	gctcatgcct	ataatcccag	caccttggga	ggctgaggca	2160
ggaggacttg	cttgagctca	ggagttcaag	accagcctgg	ggcaacatgt	cgaaacgctg	2220
tgtctaccaa	aaaa					2234

<210> 5948
 <211> 1596
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (869)...(581)
 <223> similar to gi5911959 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 5948						
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gcccctcaac	aggcatgact	ctgcagagat	gactcagcac	tgtcccttag	cagggatgac	120
acagcaagga	tgactcagca	ctgcccctca	gcaaggatga	ctcagcactg	ccgctcaaca	180
gggatgactc	agggatggct	tagtactgcc	cctcaacagg	gatgactcag	cagggatgac	240
tcagcaccgc	ccctcaacag	gcatgactct	gcagagatga	cttagtactg	cccctcagca	300
gggatgactc	agtactgccc	ctcagcaggg	atgactcagc	actgcccctc	aacagggatg	360
actcagcagg	gatgactcag	cactgtccct	tagcagtgat	gacacagcaa	ggatgactca	420
gcaactgccc	tcagcaagga	tgactcagca	ctgccgctca	acagacatga	ctcagggatg	480
gcttagtact	gcccctcagc	agggatgact	cagcaccgcc	cctcaacagg	gatgactcag	540
cactgcccct	caacagggat	gactcagcag	ggatgactca	gcaactgtccc	ttagcagcga	600
tgacacagca	aggatgactc	agcactgccc	ctcaccaagg	atgactcagc	actgccgctc	660
aacagacatg	actcagggat	ggcttagtac	tgcccctcag	cagggatgac	tcagcaggga	720
tgactcagca	ccacccctca	acagggatga	ctcagcaggg	atgactcagc	actgcccctc	780
aacagggatg	actgcagggg	tgactcagca	ctgcccctca	gcagggatga	ctcagcactg	840
cccctcagca	gggatgactc	agcagggatg	actcagcacc	gcccctcaac	aggcatgact	900
ctgcagagat	gactcagcac	tgcccctcag	cagggatggc	tcagcaggga	tgactcagca	960
ttgcccctca	acagggatga	ctcagcagac	tcagcaggga	tgactcagca	ctgcccctca	1020
acagacatga	ctcagcaggg	atgactcagc	accacccctc	agcaaggatg	actcagcagg	1080
gatgattcag	cagagataac	tcggggatga	ctctgattgt	ccttcagcag	ggatgagtct	1140
gttttgctcc	gatggaagca	tctgtagtgt	ccatcagcag	gtgaatggcc	aaagtggtag	1200
atactgtagt	cacattcagc	tataaaaagg	aataaagtat	cgatgcacgc	cacaacatgg	1260
gtgaacctag	aaaatactga	tctaaatgca	agaagccagg	cacaaaaggc	cacatagtat	1320
atgttcccat	ttatgtgaaa	tgtgcagaat	aataataaaa	atgtatagaa	tagcaaatct	1380
gtagggacag	acatgagggtg	agtgggtgcc	agaagtggaa	atgggagtta	actataaatt	1440
gcacagggta	ccttacagag	atgatggaaa	tgtcctaaaa	ctagattatg	gcaatagttg	1500
cactacgtga	tcagtttatt	aaaaatcggt	gatgtgtgtg	tgtaaaatgg	gtggatttta	1560
tggtttataa	attatacctt	aataaagggt	aacaaa			1596

094872E"013100

<210> 5949
 <211> 599
 <212> DNA
 <213> Homo sapiens
 <220>
 <221> misc_feature
 <222> (77)...(438)
 <223> similar to gi995526 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 5949
 actaaatgtg ccagtaccag aaattccagg aaaaacaaga aatttgtttt tgcaattagc 60
 caagcatgta gccagtcctc tcaatgtcac ttcatgttat gtatgtggag aagctgtaat 120
 aagagatcaa tggccatggg aagcctgaga attagtacct acagtacctg atgaattcct 180
 ggctcaaaag aatcacccctg ataatttctg atcctaaaag cctcaattat taaacaatat 240
 tgcatagcta gagaaggaaa agaattcact caccgcgtag gatgacttag ttgtcggaga 300
 cagaaactgt ataatggtac cacaaaaaca atcacttggg ggagttcaaa tcacacagag 360
 agaaaattta gtaaatcttc aaagttgcaa actgggaccc acctgggagt cccaccgggc 420
 ttgggaacag cccccactgg gatttttact gggatatgtt agggcttgga gcttattgac 480
 aggtttactg gaccattggg caggtagttg ttgtttattg ggcaactatt aaaccatctt 540
 tcttccttac tgccccataa aaacagggca aactccttgg ggtttccctt gttcttacg 599

<210> 5950
 <211> 3318
 <212> DNA
 <213> Homo sapiens
 <220>
 <221> misc_feature
 <222> (114)...(1736)
 <223> similar to gi755750 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 5950
 gagcttgctc cagtctcttc gcggcggtcca ccacttagac gcaagttgct gaagccggcc 60
 ggggagaagg tggtgttgcc ggagctgaga ccgggcggcc acagtccgca gggatgaacc 120
 tcgagttgct ggagtccttt gggcagaact atccagagga agctgatgga actttggatt 180
 gtatcagcat ggctttgact tgcaccttta acaggtgggg cacactgctt gcagttggct 240
 gtaatgatgg ccgaattgtc atctggggat ttctttgaca agaggcattg cttaaaataa 300
 atttagtgca cacatccatc cagtgtgttc tttatgctgg agccgagatg gtcataaact 360
 cgtgagtgtc tccactgata acatagtgtc acagtgggat gttctttcag gcgactgtga 420
 ccagagggtt cgattccctt caccatctt aaaagtcca tatcatccac gagatcagaa 480
 caaggttctc gtgtgtccca tgaaatctgc tcctgtcatg ttgaccttt cagattccaa 540
 acatgttggt ctgccgggtg acgatgactc cgatttgaac gttgtggcat cttttgatag 600
 gcgaggggaa tatatttata cgggaaacgc aaaaggcaag attttgggtc taaaaacaga 660

ttctcaggat	cttgttgctt	ccttcagagt	gacaactgga	acaagcaata	ccacagccat	720
taagtcaatt	gagtttgccc	ggaaggggag	ttgcttttta	attaacacgg	cagatcgaat	780
aatcagagtt	tatgatggca	gagaaatctt	aacatgtgga	agagatggag	agcctgaacc	840
tatgcagaaa	ttgcaggatt	tggtgaatag	gaccccatgg	aagaaatgtt	gtttctctgg	900
ggatggggaa	tacatcgtgg	caggttctgc	ccggcagcat	gccctgtaca	tctgggagaa	960
gagcattggc	aacctgggtga	agattctcca	tgggacgaga	ggagaactcc	tcttggtatgt	1020
agcttggcat	cctgttcgac	ccatcatagc	atccatttcc	agtggagtgg	tatctatctg	1080
ggcacagaat	caagtagaaa	actggagtgc	at ttgcacca	gacttcaaag	aattggatga	1140
aaatgtagaa	tacgaagaaa	gggaatcaga	gtttgatatt	gaagatgaag	ataagagtga	1200
gcctgagcag	acaggggctg	atgctgcaga	agatgaggaa	gtggatgtca	ccagcgtgga	1260
ccctattgct	gccttctgta	gcagtgatga	agagctggaa	gattcaaagg	ctctattgta	1320
tttaccatt	gcccctgagg	tagaagaccc	agaagaaaat	ccttacggcc	ccccaccgga	1380
tgcagtccaa	acctccttga	tggatgaagg	ggctagtcca	gagaagaaga	ggcagtcctc	1440
agcagatggg	tcccagccac	ctaagaagaa	acccaaaaca	accaatatag	aacttcaagg	1500
agtaccaa	gatgaagtcc	atccactact	gggtgtgaag	ggggatggca	aatccaagaa	1560
gaagcaagca	ggccggccta	aaggatcaaa	aggtaaagag	aaagattctc	catttaaacc	1620
gaaactctac	aaaggggaca	gaggtttacc	tctggaagga	tcagcgaagg	gtaaagtgc	1680
ggcggaaactc	agccagccct	tgacagcagg	aggagcaatc	tcagaactgt	tatgaagacc	1740
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aggggtgaatt	ttatgtttta	atgaagaagt	gaattatgga	agaagagtat	acgaccttcc	1920
cttccctttc	aagcataagt	ccaaatagac	tctcaggaat	gaagatttgt	gaagacatca	1980
gataggaatt	ttgactcatt	taaactttga	tgcttagtta	tggtgctgga	gaaaagatac	2040
ttatgttttg	ctcatctaac	ttcattgtac	ccagcgtcat	tttgacatgt	catttcctat	2100
ctcccatttg	ccttcgggtcc	tcaatgcatg	tctttgagtg	acttcttata	tgaaattttg	2160
ctactggtat	cctaggaaaag	cttttggttg	atactctcat	tttaaacttc	tcctctcccc	2220
agatacctcc	tataattcca	tattgtgtgc	aaaggatggg	caaaaaagaa	agtgtctgaa	2280
agatttcaaa	ttttcagaaa	gggaacaacg	aaggccctct	cttcctctca	taccacgttt	2340
tgctcaagaa	gctgggctgt	aacaattcag	ggttttccct	tgttttcctc	tcattgcatg	2400
ttccctcca	atattgggtc	attgtcatca	atcatggttt	ttgaagatag	ctagttttat	2460
ccatctccag	caaagaatca	tcaatagttt	atattgcttt	acctgtgctg	gcttccagag	2520
atggaaacaa	accaggtgt	ctctcaacaa	gctacttttt	tactggggtg	ggggaatcta	2580
tgcaaggagt	aaagtaaaac	catccagaat	caaagcagca	accacatagt	tcaaatcaaa	2640
gatcaagggtg	aattttttgt	atcactgcct	gtggaaatct	atcctcatca	gtcattgcat	2700
ttttccctgc	ctatacctgt	gctccttttt	cttactgtgt	tttcagtcac	ttcctttctg	2760
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gcttactgtg	aaatatatca	gttggtgagc	cgggcgtggt	gggtcacgcc	tgtaatccca	3060
gcactttggg	aggccaaggc	gggttgatca	cccaggttca	ggagttcaag	accagcctgg	3120
ccaacatggt	gaaagcctgt	atctattaaa	agacaaaaat	tagctgggcg	tggtggtaca	3180
tgctgtaat	cccagctaca	ctggaggctg	agtcaggaga	atcacttgaa	cgtgggaggc	3240
agaggttgca	gtgagtggag	atcgcaccac	tgccctccag	cctaggtgac	agaatgagac	3300
tctatctcaa	aaaaaaaa					3318

<210> 5951
 <211> 861
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature

<222> (452)...(11)
 <223> similar to gi332565 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 5951

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gtggtggaat tgcagcgcg tgtgcctgga ggcggtgcag tgctcgacgg cctcgggcg 60
tgaggtgaag ggctccggcc ggtgctcag ctgccctggg cccaggggcg tgaccgtgcg 120
ctacaccttt accgagtggc gctccttctt ggacgtgccg gctgagctgc agcccagacc 180
gctggagcca cagcagccag aggcaccgtc tggggcctcc gagccagggt ccgggggatgc 240
caagaaagag ccaggcgccg agtgcttcca cttctcgctg tgccctgccc cgggcctgca 300
gcctgaggac gaagaggacg ccgacgagcg cggcgctcgcg gtccacttcg ctgtctgcta 360
ccgctgcgcg caggggcgagt actgggacaa caacgcgggc gccaaactaca cgctgcgcta 420
cgcgcgccct gcggacgcgc tctgagcctg gagagtctcg aagagccgtg gggcgggggtt 480
gattagcacg tggagctcgg gctgccgcct caaggaaactt gctgggacgc ttgctgagc 540
gtggcgagtc tggcgtagag ggcgctgga gggaaaggag ggagactttg aaccgtcgac 600
tcgcaccccc gcagacaagt gagcgagctt agagagcccg ggcaatgctc cgaaagcctc 660
tgacctcagt cttctcgctc gtttgacctt cctacaaggc ctctagaatt cccagcctgc 720
gtcagagtag gaagaaactt ccaaggcccg gagcagctgc ctccaagaaa aaggctccca 780
actcccgggc atggttctaa ggccttggga ttggttttta actctaaata tcatattgta 840
gcccttgacg tttgctggag a 861
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<210> 5952

<211> 1345

<212> DNA

<213> Homo sapiens

<220>

<221> misc feature

<222> (1210)...(845)

<223> similar to gi595915 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 5952

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tttttttttt ttcacaatga ttgtacttta ttgatgtgtt acaggaggta aggactttct 60
gcttaaaata tttaaaattt acatgtgcac acaaacaaac acagggtccc ccacccatgg 120
ggaagggcga gatgactctg aataaaggat ggaggagaag aagagggtgt agacggaggg 180
cccttgaccc ctacaggggc agcaggataa ggaatagagt ggggcagaag gtgggttatt 240
aagaagcatc ttgcttactg acatgaagcc acgtgcccag cgagagcaca gatgaggcct 300
cattggcgta gaggaggccc ttggagggga ggcacacggt gcccactag ccagccaagg 360
ccaacgtccc aggggtaggg cggaagtggg gtggcggtgca cagggcaccc agcccaggcc 420
tctgtgccc ccacctccct cccaccctt tgagagaaaa gacggtttgg gcctcagcca 480
cggaccgacg ccgttaccgg cagcgtctcc tgaaactaca gagatacaat gtgtatcaac 540
aggggtgatcg cttctgaccc actgaggcag acagctagag gtgctgcatg ggccagaacc 600
aatcctacag tatcttttgt ttgtgggttt ccttcccgac ttgaatcctc cctctgtcca 660
gcctctgggg tgggcctcag ggctgggaat gggctgctca atggcccaaa gccagcctg 720
acggcccttg gaggctgggg gtgctgccct tgccagccac aggcagctta ctactgggg 780
tgctgggact tgtaggagag gatctcggca gccagctgct ggggggtccag gagctgtggg 840
```

```

aagcgcccca tcacagcctc caccaggtgc gggggaaaca caccacacag cttagtatac 900
acgctggcct gctccttggc caggctgcct gccctgcccc acgggctcct gccagcccct 960
gggctctgca ctgggggctc ctgaaggact gatgtgggtg ggggcagtgg gtatggttca 1020
gaccagtact ctcgaggtgg aaaggcaggg ggcgcgggtg ggtagtcggc agggacactg 1080
aagtggccag caccatggc ccggccaaag gcagagaagg ctgcggtggc tgggagctca 1140
gatccatagg gactgtagcc cgtgtaaggg gctcgggggtg ggcccggctc accagggcct 1200
cctcctcgaa cccccaaaag ttccgacatc tggtctctca gggagccaat gcccgagtcc 1260
aggcaatcct ggggagacgta cgggagtgag tccagcgtct gtgggagcca gtctgtgggc 1320
ccgaattcca ccgcactgta ctagg 1345

```

```

<210> 5953
<211> 1346
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1306)...(399)
<223> similar to gi535586 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 5953
ctttacatga ccttgctgtc ctcccttccc ttctcccacc ttccagcctc tggctacaac 60
acgcgtgcag ttttaaggcaa aagctcagca aaccagccc ccaggattga ggagctcccg 120
ccccccatg cagctggact ccacctcagc agaggacacc agtccagctc tcagcagtgg 180
cagctctaag cccaggggtg ccatcccgat ggtccgcata ctggccccag tcctgggtgct 240
gctgagcctt ctgtcagccg caggcctgat cgccttctgc agccacctgc tcctgtggag 300
aaaggaagct caacaggcca cggagacaca gaggaacgag aagttctgcc tctcacgctt 360
gactgcgag gaaaaggaag ccccttccca ggcccctgag ggggacgtga tctcgatgcc 420
tcccctccac acatctgagg aggagctggg cttctcgaag tttgtctcag cgtagggcag 480
gaggccctcc tggccaggcc agcagtgaag cagtatggct ggctggatca gcaccgattc 540
ccgaaagctt tccacctcag cctcagagtc cagctgcccg gactccaggg ctctccccac 600
cctccccagg ctctcctctt gcatgttcca gcctgacctc gaagcgtttg tcagccctgg 660
agcccagage ggtggccttg ctcttccggc tggagactgg gacatccctg ataggttcac 720
atccctgggc agagtaccag gctgctgacc ctccagcagg ccagacaagg ctcagtggat 780
ctggtctgag tttcaatctg ccaggaaact ctgggcctca tgcccagtgt cggaccctgc 840
cttccctcca ctccagaccc caccctgtct tccctccctg gcgtcctcag acttagtccc 900
acggtctcct gcatcagctg gtgatgaaga ggagcatgct ggggtgagac tgggattctg 960
gcttctcttt gaaccacctg catcccagcc cttcaggaag cctgtgaaaa acgtgattcc 1020
tgggccccac caagaccac caaaaccatc tctggggctt ggtgcaggac tctgaatttc 1080
taacaatgcc cagtgactgt cgcacttgag tttgagggcc agtgggcctg atgaacgctc 1140
agaccctcc agcttagagt ctgcatttgg gctgtgacgt ctcccacctg cccaataag 1200
atctgctctg tctgcgacac caagatccag ctggggactc ccctgaggcc tgcctaagtc 1260
caggccttgg tcaggtcagg tgcacattgc agggataagc ccaggaccgg cagagagtgg 1320
ttgcctttcc atttgccctc cctggc 1346

```

<210> 5954
 <211> 1632
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(1633)
 <223> n = a,t,c or g

<220>
 <221> misc_feature
 <222> (1452)...(496)
 <223> similar to gi3450828 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 5954

tttttttttt	tttttttttc	acaaaagcca	tctctcttta	gtgttttcat	tcctgcccgt	60
tcaaaccagt	ttgtgcaagc	tgaggatgag	tgggtttttg	gaaccgggag	gcagagcatc	120
tgggggacaa	gacccctcct	ggaaaatggt	cctnatgcaa	cactgctgaa	ggctgggttag	180
acttgagaag	caattgaaca	ataaactcta	cagaacctgg	aaaatgttca	aaagtgtcaa	240
ggtggcttct	ggctgttttc	ctgcctccct	gtgggggggtc	agttataccc	atcagtcctg	300
tgcaaaggtc	ctggggactg	gcccaggggc	agccggattc	ttccgctggg	gacaggaagc	360
ttgtccttgc	ttaaccccaa	gcagaagcca	tgccaaatgg	aacaaggttg	ctcgggttgt	420
gtgccccaa	gtgctgtggc	ccccaaaaac	tccgtggctc	ctcaaagcaa	tgtctttcat	480
cctgtctcta	tgttatgtcc	gccccttttg	aaaagtgttc	attcaagggt	gtaggtttcc	540
ttgagaattt	tgtggatctc	ctcgagtgca	agcctgtgga	agtatgcttt	tcaagataac	600
gagggcatgc	attgtccatg	ggaggaggag	gagggcctgg	ttgagctgca	cagcttccac	660
ttgttcttcc	gggccaccgt	ctccggcttt	cagtggggga	aagaggttgg	gaaaacctga	720
actctcaatg	cccctggaac	atctcgggtc	ttgttgtgga	aagggaagc	actgtggtgg	780
cgttgactc	cgggacaagt	cccagcaagc	ccccagggtc	aaggctctcc	atgaaggcga	840
aagctgacgc	tttggaatgt	gcaaattaat	cgaatggcac	cgggggaatg	gcaagaacaa	900
tgcccagcaa	cgggaagtga	aggcaacacg	aatgtggcca	ttctgctgtt	tccagcataa	960
cttgccagag	aagggccctt	ggtgggtcca	aaactggccc	cagggtgttg	atgtgttggg	1020
acttgaggag	ggcatcatca	tactgtcca	ttaggccctt	cccatggacc	acggcggcat	1080
tgttcaccag	gatggtgatg	tcaccacct	tctcccgac	ggccttggcc	gtctggtaca	1140
cctcctcccg	gttgccaca	tcacagatga	agtaatggca	ctcagtgcc	atctgccgga	1200
tctcctccgt	cgtctccttc	aggcatttct	cagtccggcc	ccagagaaca	atctttctgg	1260
cgcgcgctc	cgcgaactcg	cgggcgagct	gacgcccgat	gcctctcccg	ccgccggtga	1320
tgaggacgtt	ctccgcgac	aggtcccgc	gcttggcggg	cagcaccagt	ccgacggctg	1380
ctttcaccac	cagatagatc	atctgtagag	ggaacatcac	cagcgcgccc	agccgtttcc	1440
acaccatcct	ccgcgcgcg	gagccgggca	gggggcgaaa	ctccccgggc	cgagcaatac	1500
aggaattaaa	aaacaccccg	aacaataaat	agtaaaccga	ataaggagga	gagaggcgtc	1560
ccacctggcc	actcttga	tcacctcttc	ccaaatgcaa	agcaccgggt	gagaaaaaga	1620
agaaaaaaaa	aa					1632

<210> 5955
 <211> 1771
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (905)...(307)
 <223> similar to gi2047353 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 5955

tcactattcc	atgtggcgga	attcgcgcac	agtaagggag	aatgtgggga	ctcagagcag	60
gagccttttg	agtcagagaa	gttttccaga	aggaacatct	aagcagagcc	cggctaggca	120
aagtgaactg	ccatggcgag	ggcctggaga	cttccagaag	cgtgataact	gctcttaatt	180
gttcaaccct	caccaggagc	taagccctgt	gaggtgggtg	ctattagggg	ccccattcta	240
cagatgagga	aactgaagct	caggaaagtct	cctggctcgc	cagcaaggca	gctggagggtt	300
gctgacctcc	gagggaggcc	ccagccaagg	tgggtgctga	gtgggcgccc	cctcctctcc	360
cctctcaggc	ccagtaccgc	cgaggcctgg	agctgtccaa	gcaggccgct	cagctggggag	420
ctacagccag	aggggctggg	gaggcagaac	gtgcagagtt	cccagagctg	gcagcctttg	480
cctctaccca	gcgggccttc	caggctgagc	tgaccacttt	ttacatggcg	gccgagcggc	540
aacgcacgga	cctcgagacg	ctgctccacc	tgcaccgctt	ctgcaagagg	atgacctggt	600
tccacatgga	ctgtcaggac	ctgatggccc	agctcaggct	ggacaagacc	tcaagggtca	660
gtcctgggga	ccagcgccgc	ctccaccgct	acctgcagcg	actggcatct	gagttccctg	720
ctgagaagct	cgcagccgtg	gggctgcagg	tggcctccct	gagccgggca	ggcctgggcc	780
aggagctatg	ggaggaggcc	cggatcaggc	atgaggagat	ctggatgctc	ctggagaagg	840
cactgaccca	cagctcttgc	ccagaggctc	cagctgctca	ctcagcgcg	ccagaacgaa	900
gaggggtggc	agccaagggc	caggggtgtga	gtgtagaggt	cacttccaag	gggaggtggg	960
atcagcctcc	actagactca	ctgggcatgg	accatttgcc	aaagtcctat	tggcttctca	1020
ggagctgtct	cagccaagag	tcacacactt	gatacctaaa	atggcttcag	gaatcttcca	1080
agactgaaga	cttcccagag	tgtggtctag	ggcctgcctg	cctcagagcc	atgagcagag	1140
ccgggtcaaaa	ggcttcctag	ggaatcctac	cccagacatt	aaaatagact	cttgggtgctg	1200
gcaggtggct	ggaatctgcg	tttgtagcca	agtgtctctc	ctgtgtgact	cagcaaagtg	1260
gggggtgcatt	tggggaacac	ccggggctgg	ggcctgagtc	ctccacccaa	agccaggttt	1320
gattcttgca	ttcccctccc	tgccttccat	ccagacaggc	ccaaggatgc	aagaggcggt	1380
gatcagccca	tctccatcca	tgcctgttgc	ctcagagagg	gccgacggct	tttaaaatgc	1440
tgttgccata	gcaacagcat	tccagccagt	gggtaccaca	ggcagggagc	cacagaaact	1500
gggggtgctgg	gatggaaact	gacttgtgag	agaccacagc	tactgctaga	aggaaggggg	1560
gcaaagcggg	cacaggtaat	ctaagaatac	ttgggcggga	ggagtcccca	aggttacctt	1620
gtgcatccct	ctgtccccag	aaagaactgt	acccaacaa	tctctcccct	cactgcatcc	1680
cctggggaag	aagggaatgc	agaaatgaaa	tgtcataatg	agtaacaatg	tataaaaata	1740
tcgaataata	acagctaaca	tttcttttgc	a			1771

<210> 5956
 <211> 979
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (927)...(0)
 <223> similar to gi386923 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters


```

ctgctgatca ataaatgagc tgcaagactt tgttcgaaac aacactcaag cacaactggt 1020
ttactttcca taccaagttt ggctgtgact gaaatgaaga acatcagcat tgatctttgc 1080
tttgcaactg tacaagagac tatttgcaga gagccaaata taggcaacag aggatttaat 1140
atcttgccaa aaaatacaaa atctgttccc ctttaaagca tggacactct atccttttctt 1200
gtgggatctt ggctaaaaag aaaatatagc cttttaaaact cccctatttc cttctgttga 1260
aagcttaaga atctttttca aatgagctat gtatggtttt gtgggtatttt atgtttccaa 1320
aagaaaatgg ctacatgaaa aatctgtcca gtgttatcat ttttcttaca aaaaataactt 1380
ctagttatgg ttgtattaat taatttgatt gtgataatga ttacacaatg ttacactata 1440
tcaaatcatc atatcgtata ccttaaataat atataacttt tatgtgtcaa ttataactca 1500
gtaagtctgg gaaaatatcg ttaagtcaaa gattagagtc aacagaaaata aagaaaaatc 1560
atactttgat aacttcagga ctaatcaagg atcaatgggt gacatgatat catgctatgt 1620
gccattttgt gttaaacaaa ttacaccaac aataaaaaaa attggcttca atcaaaaaaa 1680
aa
1682

```

```

<210> 5958
<211> 1188
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1024)...(585)
<223> similar to gi3169120 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

```

<400> 5958
aggacggggc ccctccatac ctggcccttt cccgtgatgt taagggtggca cggccctgaa 60
aatatatggg gtagttatcc cccccccgcg ggcagagatt caggaggggg gattgtaaga 120
gacgccctcc tctgtacgct cgatataaag agaagtcccc tcccatccct cccatgtccc 180
tttatgatat attgagacag ctacagtaaat attttctaaa attatttacc ccctgggggc 240
agagcctgag caggaggagat gataagggat gccggcctct gtatgattga aataaagaga 300
aataaccaac tctagcagct gtgagtcatt ctgaaagatg tagagaatac agggactaga 360
agcgcttata ttctcccacc aaatttgcat acatgacaaa aaacaggcaa aaggcagaga 420
gacccaaaga cgggatttat tgggggcccc agtcatcacc tggaaagtca agaaagcctt 480
tgaagtattc gcgggggatct tcatgatgag caggaacagg gctcatcatg gcaaggactg 540
tgaataaagt caaaaaactg aactctgttg acctgggcgc accccactgc aggtaacgga 600
aaagttcccc ctgttcccac agggcaatgc caattacctc ggcccacttc gtaagggtgc 660
acagaacgaa acaaaatctg tccaaaagct gggaaaccaa ggaaactttt gggttttaaa 720
tccatccatc cagcaacctc aactgtcttc ctcgatcttc cttttccact catagatgga 780
tgtaatctga gggatgaggt tgacgcaggc tgctaggcgc ttctccacca cggccctggc 840
gatctccttg gcgaccttct cgttggggca agtaacaaag gctgcagaga ccgagcccgg 900
aacgtagcca gagccggaat ccgaggccgg cgagggctgg gtcggagggc ttccagaggc 960
catggtcagc aagactcggg gtagcaacaa aaggcgggag gccacaggca gcagcggcgg 1020
catccaaaca aaagacagga gcagagaggc cactccgccg agcaggaccg cgggagcccg 1080
ccccccactc atgcggccta cgctggtaca ggagagttga tctcaaaggc cacacgtcac 1140
acggagaaac aaccccagga agagcggcct cttcttacct ggggtggca 1188

```

<210> 5959
 <211> 2167
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (559)...(1470)
 <223> similar to gi416520 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 5959

ggaaccgctg	ggagccgggg	cccagcgctg	gaggacggag	cgcgctgagc	gagggggagg	60
tggtgcccgc	ttctcccgcg	tccgccat	tggtgctgtg	gctattggga	acaagctggg	120
caaaagcacc	ccggaggcgc	gacgtcctt	cgagttcggg	gcctcgtgtg	acggcggggg	180
tcggtgaaga	cccgtcgagc	tgccggcgcc	gcgcttcca	ggccgggagt	cactggaggc	240
accctggggg	acgcccagca	gcccagaaac	cccgggggtg	cctccgctgc	ggctcggggt	300
tgctgcccc	gaccccccg	ctctgccgtg	cattcccggg	cggtctcttc	cgtgtggcgg	360
ccccggagca	ggcggggcgc	gtcggaggat	gctgcgggcc	cggagccgag	aggaaagtgc	420
tgggccagcc	ctctgagcgc	tcctcgaggt	gtgcgagagg	cccttcctcg	gccccaaagc	480
cgtctgccgg	gctaaggcgt	gcagagcagg	cgaggacagc	cgccgcccct	accgccgcag	540
agtccccggt	ccaacaccat	gtcctccgcc	aggttcgact	cctcggaccg	ctccgcctgg	600
tatatggggc	cgggtgtctg	ccaggaggcg	cagacccggc	tccagggcca	gcgccacggt	660
atgttcctcg	tccgcgattc	ttccacctgc	cctggggact	atgtgctgtc	ggtgtccgag	720
aactcgcggg	tctcccacta	catcatcaac	tcgctgcca	accgccgttt	taagatcggg	780
gaccaggaat	ttgaccat	gccggccctg	ctggagtttt	acaagatcca	ctacctggac	840
accaccaacc	tcctcgagcc	tgccggcagg	tatccaagcc	caccaatggg	atctgtctca	900
gcacccaacc	tgccctacagc	agaagataac	ctggaatatg	tacggactct	gtatgatttt	960
cctgggaatg	atgccgaaga	cctgcccttt	aaaaaggggtg	agatcctagt	gataatagag	1020
aagcctgaag	aacagtgggtg	gagtgcccg	aacaaggatg	gccgggttg	gatgattcct	1080
gtcccttatg	tcgaaaagct	tgtgagatcc	tcaccacacg	gaaagcatgg	aaataggaat	1140
tccaacagtt	atgggatccc	agaacctgct	catgcatacg	ctcaacctca	gaccacaact	1200
cctctacctg	cagtttccgg	ttctcctggg	gcagcaatca	cccctttgcc	atccacacag	1260
aattgacctg	tctttgcgaa	agcaatccag	aaaagagtac	cctgtgcttt	atgacaagac	1320
tgcttggca	ttagagggtg	gtgacatcgt	gaaagtcaca	aggatgaata	taaatggcca	1380
gtgggaaggc	gaagtgaacg	ggcgcaaagg	gcttttcccc	tttacgcacg	tcaaaatctt	1440
tgaccctcaa	aaccagatg	aaaacgagtg	attgctgttg	ccctgtttcc	tgctgctttg	1500
ttgttctgcc	tgctctagtc	tcctttgaag	tgggaaagca	ttttctctca	taggcaagtc	1560
acactgcatt	gccgaagtcc	agctttctgc	agactggcag	tcgcacacac	atttggaatg	1620
cacacagcgg	ctgcctcctg	atgtttgtat	catagtcgta	ttgtgcaaag	agtagccgat	1680
tttagagttc	ttttggatca	taaactggaa	atactgatgg	aagcacacaa	gtggagagaa	1740
gttgacgtgg	aaagggtctt	ccttctcatt	gctgcccggt	tgtacatggg	actgattctg	1800
tcgtgttcac	cagagaaagc	ttgaggccat	ggcgagatac	tgcatgtttg	ctgttccaca	1860
aagcagtggc	ttagctgcca	tcttgctttt	ctttggacaa	cagggaagtga	acctgggggt	1920
ggggagggtg	ggacagagcc	ggcgcgagtc	gggggcacag	ccctgaggcg	gggctgaggg	1980
ccaggccgcc	acgtccctgg	accctgaaaa	cgggctcgga	cccccgctgc	agcgtggact	2040
ccggtgtggc	cgcggggctg	gcaacccgga	ccctggccag	ctccgtgtcc	tccagacctt	2100
tactcatggc	cccgcacgcg	caggccgagc	tgcaacctcg	gtccccgccc	gcggcagccg	2160
aggtagg						2167

<210> 5960
 <211> 1295
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (1257)...(861)
 <223> similar to gi975687 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 5960
 tttttttttt ttaagggttg tggaaataat tttttatttaa cagatataaa aaaaattcctt 60
 aacattttaca aattgtacaa agattggtag cttttatatt tttttaaaaa tgctatacta 120
 agagaaaaaa caaaagacca caacaatatt ccaaattata ggttgagaga atgtgactat 180
 gaagaaaagta ttctaaccaa ctaaaaaaaaa tattgaaacc acttttgatt gaagcaaaat 240
 gaataatgct agatttaaaa acagtgtgaa atcacacttt ggtctgtaaa catatttagc 300
 tttgcttttc attcagatgt atacataaac ttatttaaaa tgtcatttaa gtgaaccatt 360
 ccaaggcata ataaaaaaaa aggttagcaaa tgaaaattaa agcattttatt ttggtagttc 420
 ttcaataatg atgcgagaaa ctgaattcca tccagtagaa gcatctcctt ttgggtaatc 480
 tgaacaagta ccaacccaga tagcaacatc cactaatcca gcaccaattc cttcacaaaag 540
 tccttcacaa gaagaagtgc gatgaatatt aattggtgaa ttcatttcag ggcttccttg 600
 gtccaaataa attatagctt caatgggaag aggtcctgaa cattcagctc cattgaatgt 660
 gaaataccaa cgctgacagc atgcatttct gcatttttagc cgaagtgagc cactgaacaa 720
 aactcttaga gcactatttg aacgcactct tgtaaatgta cactccgcaa ttttcccaag 780
 atctatgcca taattcaatg aactccatga acactgcttg tagttgggtg tccaggactc 840
 ctcaaagctt tccctcagac attccccctt ttctccttg aatccatccc gacctgggat 900
 cccaggtgta cccggaatgc cattggcccc agggctcccg tctcgaccag gcactcctgc 960
 tggcccttgt aagcacattc cattatacag gtccaccacc tccctctgcc ggagctgcgc 1020
 cttttgcttc cccttgggga tctcagaggc gctcgacggc gcgggcagct gcagcagcag 1080
 gagcagcagg aggccgcgga gccgctgcgg ggaggcggcg gggccctggg gtcgcatggc 1140
 tcccggtgc cgggcagcgc ggagctggag gcggaggaga ccgaggagag gaacgtggtc 1200
 agcgtctggc tccgcccgcg tccgaggccg ccgcaggctg catcaatgcg cttttcaccc 1260
 gagcgctct ctccctccct taattcctcc cgccc 1295

<210> 5961
 <211> 5694
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (207)...(2938)
 <223> similar to gi577301 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 5961

ggtctacgaa	gaccaagtgg	gcaagtttga	ttggagacag	caatatgttg	ggaaggtcaa	60
gtttgcctcc	ttggaatttt	cccctggatc	caagaagtgt	gtttagacca	cagagaagaa	120
tgtgattgca	gcattaaatt	cccgaactgg	ggagatcttg	tggcgccatg	ttgacaaggg	180
cacggcagaa	ggggctgtgg	atgcccatgc	tgctgcacgg	acaggatgtg	atcactgtgt	240
ccaatggagg	ccgaatcatg	cgttcctggg	gagactaaca	tcgggggcct	gaactgggag	300
ataaccctgg	gacagtggca	gtttccaggg	cacttgggct	cggttggcct	gcaggagtct	360
gtaaggtaca	tccgcagtcc	tgaagaagac	tacacttgcc	ctccatcacc	tctccagtgg	420
gcacctcaag	tgggtggaac	atcttcccag	aaagttgaca	gcttccatta	ccagatgggtg	480
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<210> 5962

<211> 2014

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1452)...(2009)

<223> similar to gil420583 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

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<210> 5963
<211> 542
<212> DNA
<213> Homo sapiens

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<220>
<221> misc_feature
<222> (463)...(403)
<223> similar to gi4678534 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

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<210> 5964
 <211> 1224
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1206)...(51)
 <223> similar to gi3002527 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

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<210> 5965
 <211> 8182

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<212> DNA
<213> Homo sapiens

<220>
<221> misc feature
<222> (225)...(7912)
<223> similar to gi2181867 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

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<210> 5966
<211> 5332
<212> DNA
<213> Homo sapiens
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<220>
<221> misc_feature
<222> (506)...(4870)
<223> similar to gi407099 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters
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<210> 5967

<211> 1679

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (85)...(1199)

<223> similar to gi4972090 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 5967

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<210> 5968

<211> 1442

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (468)...(1241)

<223> similar to gi554204 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 5968

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